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Oil and Gas Units

Quarterly Update

March 1987



Oil and Gas Units

Quarterly Update

ENERGY RESOURCES CONSERVATION BOARD

Editorial correspondence to

Development Department
Energy Resources Conservation Board

1987 edition, published quarterly

Publication consists of new and revised Units received by the Board up to 31 March 1987

Published by:

Energy Resources Conservation Board
640 - 5 Avenue SW
CALGARY, Alberta
T2P 3G4

Telephone (403) 297-8311

Telex 83-821717

Price \$20 - complete set of back numbers
\$20 - annual subscription amendments

OIL AND GAS UNITS

NEW UNITS

Bigoray Nisku "C" Pool Unit No. 1
Harmattan East Viking Unit No. 1
Manyberries Sunburst "JJ" Pool Unit

REVISED UNITS

Bashaw D-3A Unit No. 1
Bonanza Boundary Lake "A" Pool Unit No. 1
Bonnie Glen D-3A Oil Unit No. 1
Cessford Gas Unit No. 3
Crossfield Cardium Unit No. 2
Cyn-Pem Cardium "D" Unit No. 1
Drumheller Basal Quartz Gas Unit No. 1
Drumheller Nisku Unit No. 2
Dunvegan Gas Unit No. 1
Freeman Unit No. 1
Gleichen Unit No. 1
Joarcam Viking Unit No. 2
Joffre D-2 Unit No. 1
Kaybob South Triassic Unit No. 1
Leduc Woodbend D-2 Unit
Lone Pine Creek Gas Unit No. 1
Lone Pine Creek D-3 Gas Unit No. 1
Malmo D-3B Gas Unit
Marten Hills Gas Unit No. 1
Mitsue Gilwood Sand Unit No. 1
Morse River Unit No. 1
Pembina Belly River "B" East Unit
Pembina Cardium Unit No. 10
Pembina Cardium Unit No. 31
Pembina Easyford Cardium Unit No. 2
Pine Creek Gas Unit No. 1
Portage Gas Unit
Progress Halfway Gas Unit No. 1
Provost Veteran Viking "C" South Unit
North Provost Gas Unit
Rowley Belly River Gas Unit No. 1
Seven Persons Creek Unit
Spirit River Triassic Unit No. 1
Swan Hills Unit No. 1
North Twining Unit
Willesden Green Cardium Unit No. 9

The Board amended the following pages to show unitized zones and substances.

Leafland South Cardium Unit No. 1
 Okotoks Gas Unit No. 2
 Okotoks Unit (North)
 Paddle River Gas Unit No. 1
 Patricia Gas Unit No. 1
 Pembina Bear Lake Cardium Unit No. 1
 Pembina Belly River "L" Unit
 Pembina Belly River "U" South Unit
 Pembina Cardium Unit No. 6
 Pembina Cardium Unit No. 8
 Pembina Cardium Unit No. 15
 Pembina Cardium Unit No. 136
 Champlin-Peruvian Pembina Cardium Unit
 Pembina Keystone Basal Belly River Gas Unit No. 1
 Pembina Keystone Cardium Unit No. 1
 Pembina Keystone Ellerslie "A" Unit No. 2
 Pembina Ostracod "E" Unit
 Pembina Rose Creek Unit
 South Pembina Cardium Unit
 D.P.D.H. South Pembina Cardium Unit No. 3
 Pembina West Cardium Unit No. 25
 Pincher Creek Madison Limestone Unit
 Plain Glauconitic Sandstone Gas Unit
 Pouce Coupe South Boundary A Unit
 Pouce Coupe South Boundary "B" Pool Unit No. 1
 Provost Viking "A" Unit
 Provost Viking CAK Pool Unit No. 1
 Provost Viking Gas Unit No. 2
 Provost Viking Throne Unit
 Omega Provost North Viking Oil Unit
 Omega Provost South Viking Oil Unit
 Rainbow Keg River I Unit
 Rainbow Keg River AA Unit
 Raven Ostracod Gas Unit No. 1
 Red Coulee Moulton "B" Pool Unit
 Red Earth Slave Point "A" Pool Unit No. 1
 Redwater Viking "B" Oil Unit No. 1
 Retlaw Unit No. 1
 Retlaw Upper Mannville "V" Pool Unit
 Rosebud Gas Unit No. 1
 West Rosebud Glauconitic Gas Unit
 Sarcee Unit
 Schuler Medicine Hat Gas Unit
 South Sibbald Viking & Blairmore Gas Unit
 North Smoky Gas Unit

Sturgeon Lake D-3 Unit
 Sullivan Lake Gas Unit No. 1
 Sunchild Gas Unit No. 1
 Sundre Rundle "B" Pool Unit
 Sunnynook Gas Unit No. 1
 Sylvan Lake Gas Unit No. 1
 Sylvan Lake Leduc (D-3) Unit
 East Taber Mannville "D" Unit No. 2
 East Taber Mannville "D" Unit No. 3
 Taber South Bow Island Gas Unit No. 1
 Taber South Glauconitic "A" Unit No. 1
 Taber South Mannville A Unit No. 2
 Thompson Lake Viking Gas Unit No. 1
 Three Hills Ostracod Unit No. 1
 Tide Lake Gas Unit No. 1
 Tide Lake Gas Unit No. 2
 Tilley Milk River Gas Unit
 Twining South Unit
 Verger Gas Unit No. 1
 Viking Kinsella Wainwright B Pool Unit No. 1
 West Viking Gas Unit No. 1
 Vulcan Gas Unit
 Wainwright Colony Sand Gas Unit No. 1
 Wainwright Unit No. 1
 Wainwright Unit No. 4
 Wainwright Unit No. 5
 Wainwright Unit No. 7
 Wainwright Unit No. 8
 Wainwright Unit No. 9
 Wainwright Unit No. 10
 Wainwright Unit No. 11
 Warwick Detrital Gas Unit
 Westlock Gas Unit
 Westward Ho Unit No. 1
 Whitecourt Gas Unit No. 1
 Wildmere Lloydminster "A" Pool Unit No. 1
 Wildunn Gas Unit
 Willesden Green Cardium Unit 1
 Willesden Green Cardium Unit No. 2
 Willesden Green Cardium Unit No. 3
 Willesden Green Glauconitic A Unit No. 1
 Wilson Creek Unit No. 1
 Windfall D-3 Unit
 Winnifred Gas Unit
 Wood River Basal Quartz Unit No. 1
 Wood River D-2C Unit
 Zama Virgo Unit No. 1

The following Units were revised but Company Names, Unit Areas and Final Participation were not affected.

Cessford Unit No. 2
 Clive D-2 Unit No. 1
 Clive D-3A Unit No. 1
 Craigend Gas Unit
 Crossfield Cardium Unit No. 1
 Erskine Leduc D-3A Unit No. 1
 Hamcor Unit No. 1
 Lathom Upper Mannville "C" Unit
 Lone Pine Creek Gas Unit No. 5
 West Marlboro Gas Unit
 Medicine River Unit No. 1
 Rainbow Keg River B Unit
 Seven Persons Creek Unit
 Simonette D-3 Unit
 Taber North Unit
 Virginia Hills Belloy-Shunda Unit No. 1
 Warburg Belly River M Unit

BIGORAY NISKU "C" POOL UNIT NO. 1

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 February 1987

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Encor Energy Corporation Ltd.	0.3516
Felmont Oil Corporation	2.8125
Hudson's Bay Oil and Gas Company Limited	2.4609
Norcen Energy Resources Limited	16.8750
Texaco Canada Resources	77.5000
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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BIGORAY NISKU 'C' POOL UNIT No.1

UNIT OPERATOR- TEXACO CANADA RESOURCES

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1987

ERCB

Unit Operator - Canadian Superior Oil Ltd.

Initial Effective Date - 1 October 1986

Participation Revised - 1 October 1986

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

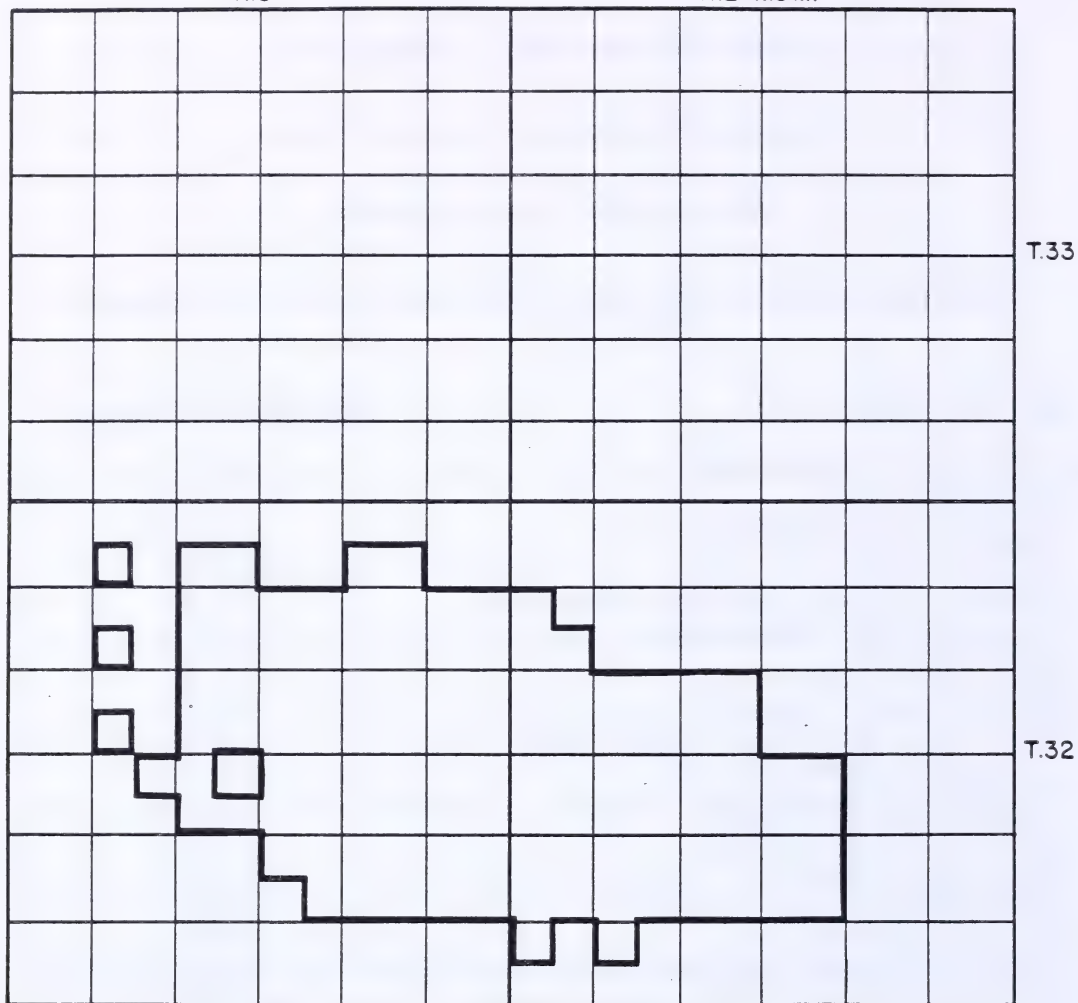
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Assiniboine Land Services Ltd.	0.200878
Brown Energy Ltd.	0.457077
Canadian Bashaw Resources Ltd.	0.457077
Canadian Pioneer Oils Ltd.	0.940094
Canadian Superior Oil Ltd.	42.497006
Cooperative Energy Development Corporation	4.196180
Cotton Petroleum Corporation	0.275126
Flame Energy Ltd.	0.879837
Headco Exploration Co. Ltd.	2.864198
Home Oil Company Limited	0.345745
Hudson's Bay Oil and Gas Company Limited	3.882304
L. H. Ullly Holdings Ltd.	0.007965
Lancaster Capital Group Ltd.	0.446504
Lario Oil and Gas Company	5.728397
Mission Resources Limited	1.502418
Morgan Hydrocarbons Inc.	0.223734
Norcen Energy Resources Limited	17.725710
Pennzoil Petroleums Ltd.	0.202371
Quesaida Investments Ltd.	0.111625
Scurry-Rainbow Oil Limited	0.172875
Shell Canada Limited	8.551276
Stephen Oil Limited	0.213792
Stone Petroleum Ltd.	0.228538
Strand Oil & Gas Ltd.	1.335242
Total Petroleum Canada Ltd.	0.307810
Tricentrol Oils Limited	0.068781
Trans-Canada Resources Ltd.	1.460148
Unocal Canada Limited	4.717292
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R.3

R.2 W.5 M.



HARMATTAN EAST VIKING UNIT NO.1



INITIAL EFFECTIVE DATE - 1 OCTOBER 1986

UNIT OPERATOR — CANADIAN SUPERIOR OIL LTD.

MANYBERRIES SUNBURST "JJ" POOL UNIT

Unit Operator - Anderson Exploration Limited

Initial Effective Date - 1 October 1986

*Unitized Zone - Sunburst Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

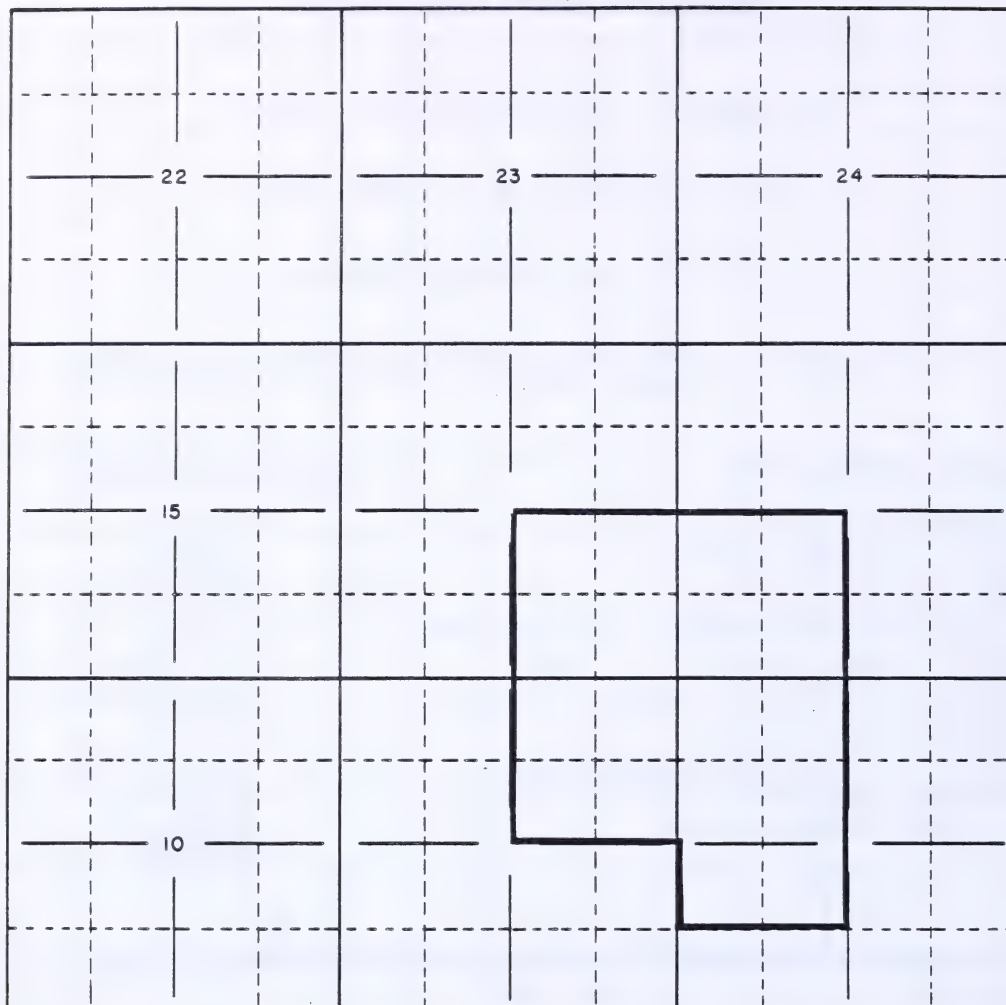
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anderson Exploration Ltd.	21.810274
Barnwell of Canada Limited	9.693456
Brower Exploration Inc.	0.664002
Canadian Superior Oil Ltd.	4.780813
Colonial Oil & Gas Limited	2.726285
Home Oil Company Limited	31.337005
Murphy Oil Company Ltd.	1.992005
Musketeer Energy Ltd.	11.226176
Paloma Petroleum Ltd.	1.817523
Sterling Oil Properties Management Ltd.	1.122618
Tricentrol Oils Limited	10.103558
W. F. Brown Exploration Ltd.	2.726285
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 5 W. 4 M.



MANYBERRIES SUNBURST 'JJ' POOL UNIT

ERCB

INITIAL EFFECTIVE DATE — 1 OCTOBER 1986

UNIT OPERATOR — ANDERSON EXPLORATION LIMITED

BASHAW D-3A UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 December 1977

Participation Revised - 10 February 1987

*Unitized Zone - Leduc Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

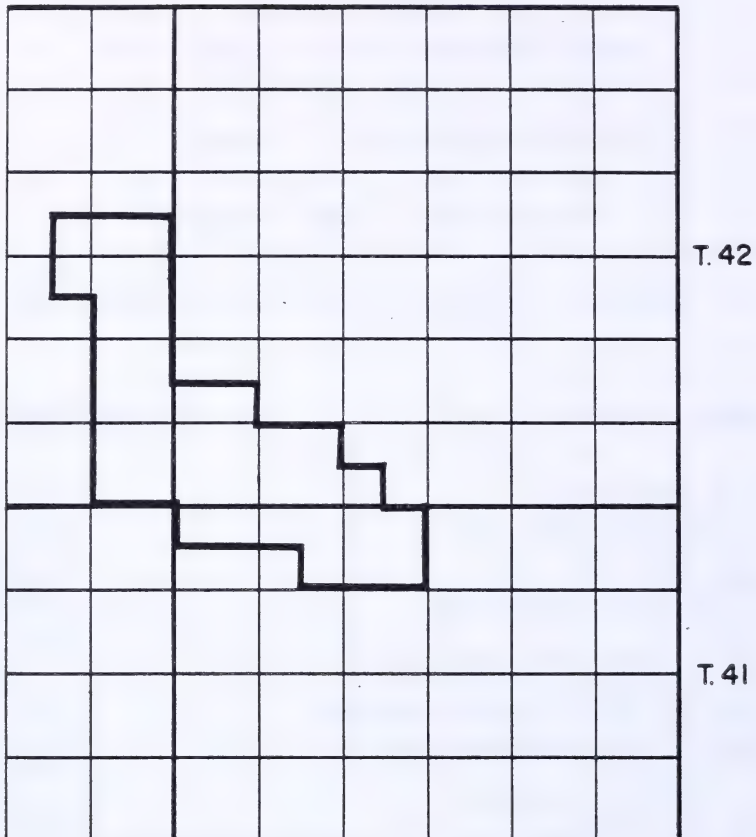
Adanac Oil & Gas Limited	2.30740
American Leduc Petroleums Ltd.	4.89650
Bellport Resources Ltd.	0.08253
Cardo Canada Ltd.	0.23902
Chevron Canada Resources Limited	0.93065
Corvair Oils Ltd.	0.28040
First Guardian Petroleum Corporation	0.23266
Gulf Canada Corporation	50.74151
Hudson's Bay Oil and Gas Company Limited	6.16073
Jerry Chambers Exploration Co.	0.10718
Patricia R. McLean	0.03230
PanCanadian Petroleum Limited	23.46410
Sasko Oil & Gas Limited	2.30740
Simmons Management Limited	4.93067
Texaco Canada Resources	3.28695
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 22 W. 4 M.



INITIAL EFFECTIVE DATE - DECEMBER 1, 1977

UNIT OPERATOR - GULF CANADA CORPORATION

BONANZA BOUNDARY LAKE "A" POOL UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 January 1986

Participation Revised - 1 February 1987

*Unitized Zone - Boundary "A" Zone

*Unitized Substance - Petroleum, gas and other hydrocarbons

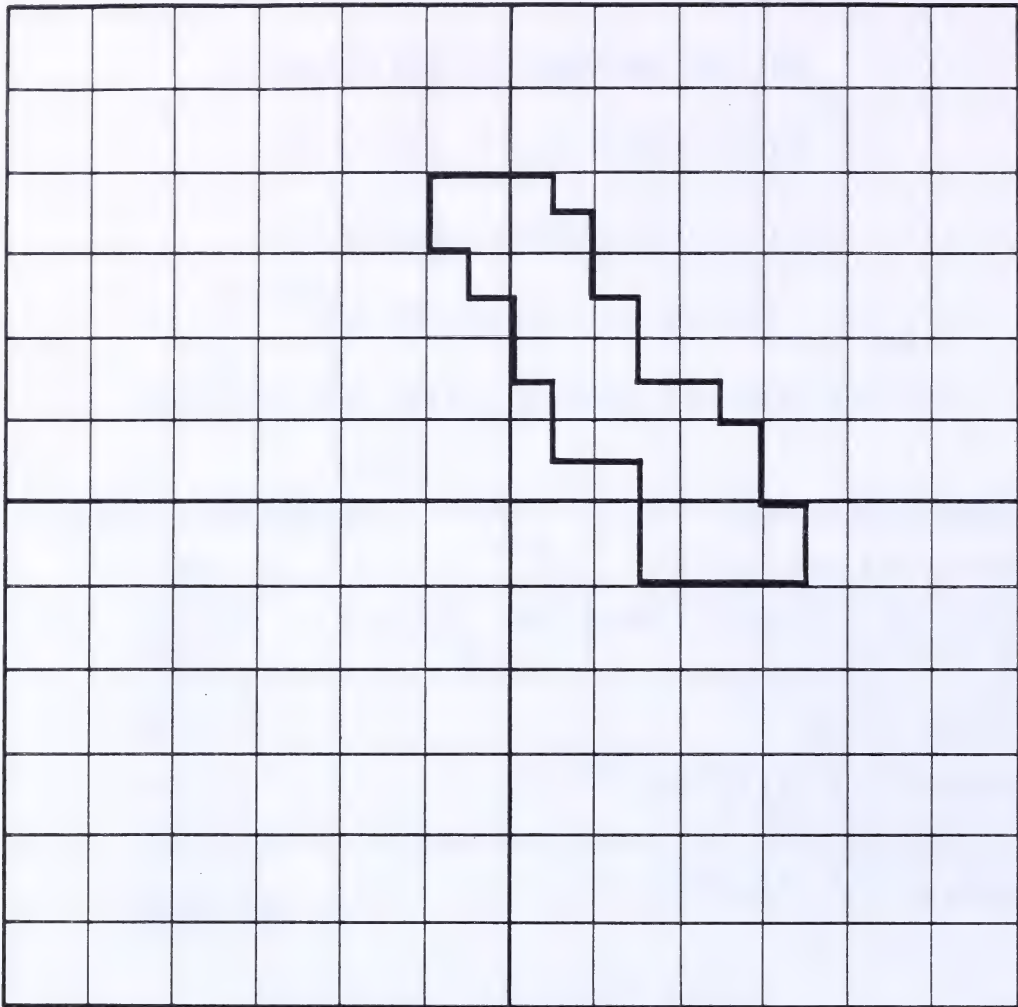
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	14.2342435
Chieftain Development Co. Ltd.	0.8419981
Columbia Gas Development of Canada Ltd.	0.0604946
Dome Petroleum Limited	40.7644722
Husky Oil Operations Ltd.	14.2342435
Inverness Petroleum Ltd.	0.1112551
Mark Resources Inc.	0.1668826
Northern Development Company Limited	10.0105225
PanCanadian Petroleum Limited	6.8519064
Pencor Petroleum Limited	0.0556275
Swade Resources Ltd.	0.1749001
Trilogy Resource Corporation	2.3080313
Wintershall Oil of Canada Ltd.	10.1854226
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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R.11 W.6 M.



T.81

ERCB

UNIT OPERATOR- DOME PETROLEUM LIMITED

BONNIE GLEN D-3A OIL UNIT NO. 1

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 January 1975

Participation Revised - 1 February 1987

*Unitized Zone - Leduc Formation (except the Gas Cap)

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal and gas cap gas)

Working Interest Owners

Per Cent Participation

Canterra Energy Ltd.	2.1875
Chevron Canada Resources Limited	87.5000
Petro-Canada Inc.	6.8750
Scurry-Rainbow Oil Limited	3.4375
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 29

R. 28

R. 27

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T. 49

T. 48

T. 47

T. 46

BONNIE GLEN D-3A OIL UNIT NO.1

INITIAL EFFECTIVE DATE - 1 JANUARY 1975

UNIT OPERATOR - CHEVRON CANADA RESOURCES LIMITED



CESSFORD GAS UNIT NO. 3

Unit Operator - Bonanza Oil & Gas Ltd.

Initial Effective Date - 1 April 1969

Participation Revised - 1 February 1987

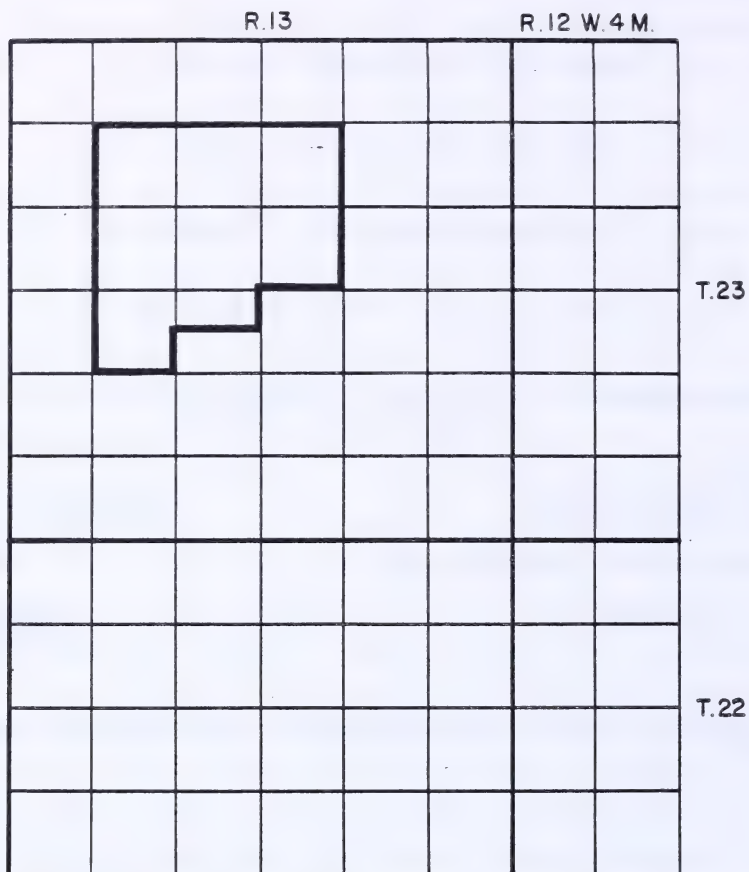
*Unitized Zone - Lower Colorado Formation

*Unitized Substance - Natural gas, condensate and other hydrocarbons
(except coal and crude oil)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amalgamated Bonanza Petroleum Ltd.	75.3520
Murphy Oil Company Ltd.	<u>24.6480</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)



CESSFORD GAS UNIT NO.3



INITIAL EFFECTIVE DATE — 1 APRIL 1969

UNIT OPERATOR — BONANZA OIL & GAS LTD.

CROSSFIELD CARDIUM UNIT NO. 2

Unit Operator - Crescendo Oil & Gas Ltd.

Initial Effective Date - 1 December 1964

Participation Revised - 1 March 1987

*Unitized Zone - Cardium Formation

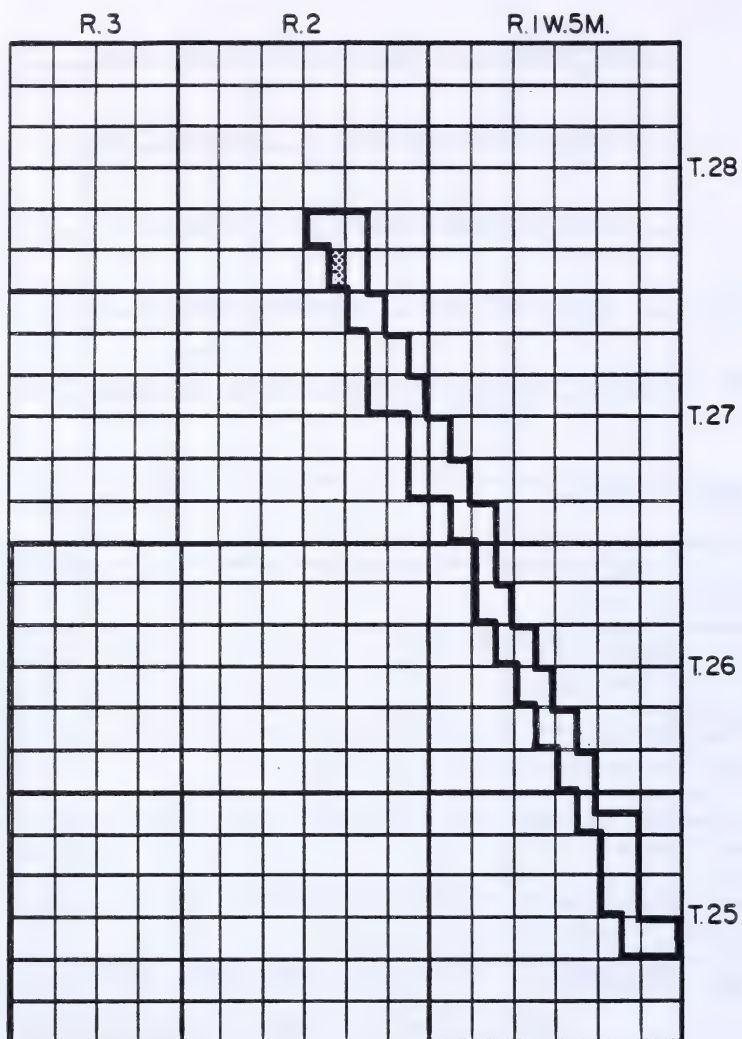
*Unitized Substance - Petroleum, natural gas, and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	0.407171
Crescendo Oil & Gas Ltd.	48.116966
Dome Petroleum Limited	2.257545
Esso Resources Canada Limited	8.584691
Gulf Canada Corporation	0.821423
Husky Oil Operations Ltd.	2.656599
Mobil Oil Canada Ltd.	0.173281
Musketeer Energy Ltd.	2.145022
Norcen Energy Resources Limited	0.122152
Ranger Oil Limited	2.416064
Scurry-Rainbow Oil Limited	3.136940
Shell Canada Limited	11.050525
Suncor Inc.	0.580185
Texaco Canada Resources	6.642811
Total Petroleum Canada Ltd.	3.116113
Ultramar Oil and Gas Canada Limited	7.575226
Unocal Canada Limited	0.197286
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



CROSSFIELD CARDIUM UNIT NO. 2

INITIAL EFFECTIVE DATE - DECEMBER 1, 1964

UNIT OPERATOR - CRESCENDO OIL & GAS LTD

AREA OF CHANGE EFFECTIVE JANUARY 1, 1966 -

CYN-PEM CARDIUM "D" UNIT NO. 1

Unit Operator - Texaco Canada Resources

Initial Effective Date - 1 November 1986

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

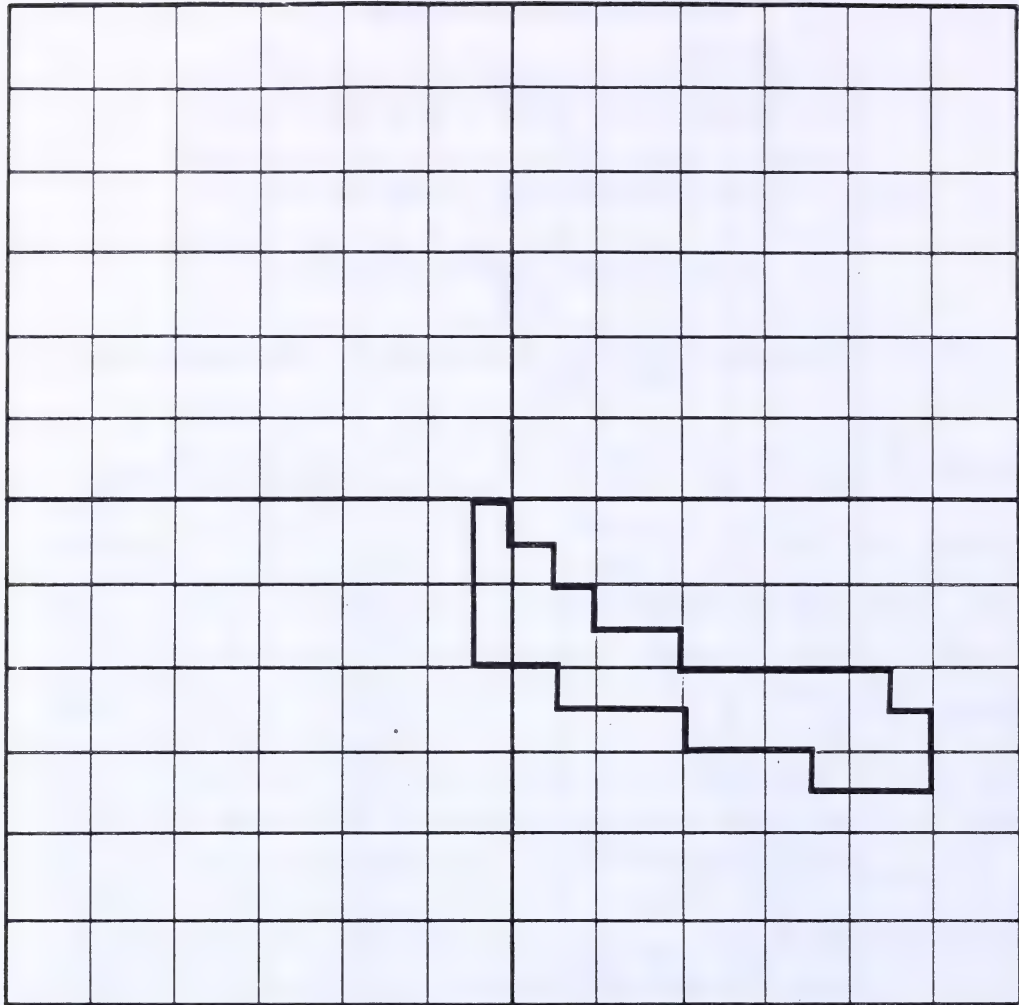
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Interim</u>	<u>Final</u>
Aberford Resources Ltd.	0.52045	0.32147
Accipiter Resources Ltd.	0.03013	0.01472
Amoco Canada Petroleum Company Ltd.	9.93869	7.24062
Bonanza Resources Ltd.	3.01281	1.47199
Canadian Superior Oil Ltd.	2.57758	0.91474
Carlyle Energy Ltd.	0.68700	0.42434
Heather Oil Ltd.	0.28850	0.30792
Highland Resources, Inc.	5.87886	6.27460
Inverness Petroleum Ltd.	4.73442	2.31311
Joli Fou Petroleums Ltd.	0.25958	0.27705
Morgan Hydrocarbons Inc.	0.43718	0.27004
Northern Development Company Ltd.	2.89230	1.41310
O. M. Sachkiw Holdings Ltd.	0.07217	0.04458
PanCanadian Petroleum Limited	3.28338	1.65531
Penn West Resources Ltd.	0.16654	0.10287
Precambrian Shield Resources Limited	2.17972	2.32645
Priddis Petroleums Limited Partnership	0.19846	0.12259
Redeagle Resources Ltd.	0.09038	0.04416
Texaco Canada Resources	56.18511	71.14974
Westcoast Petroleum (1985) Ltd.	3.28337	1.65530
Westmin Resources Limited	3.28337	1.65530
	<u>100.00000</u>	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.10 W.5 M.



ERCB

UNIT OPERATOR- TEXACO CANADA RESOURCES

DRUMHELLER BASAL QUARTZ GAS UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 November 1968

Participation Revised - 1 March 1987

*Unitized Zone - Basal Quartz Formation

*Unitized Substance - Natural gas and associated hydrocarbons
(except petroleum and coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Resources Limited	5.68742
Norman L. Easley	0.08203
Hudson's Bay Oil and Gas Company Limited	7.25652
Mobil Oil Canada, Ltd.	11.37482
Musketeer Energy Ltd.	62.82338
Norcen Energy Resources Limited	1.43948
Okanagan Petroleums, Ltd.	0.46356
Petro-Canada Inc.	4.43618
Shell Canada Limited	5.68742
Twin Richfield Oils Ltd.	0.28436
Voyager Energy Company	0.19140
Stewart M. Whipple	0.27343
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 21

R. 20

R. 19

R. 18 W 4 M

T. 30

T. 29

T. 28

T. 27

DRUMHELLER BASAL QUARTZ GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1968

UNIT OPERATOR - DOME PETROLEUM LIMITED

AREA OF CHANGE EFFECTIVE - 1 FEBRUARY 1969  **ERCB**

DRUMHELLER NISKU UNIT NO. 2

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 October 1964

Participation Revised - 1 March 1987

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Norman Lander Easley	1.50
Musketeer Energy Ltd.	50.00
Norcen Energy Resources Limited	25.10
Okanagan Petroleums, Ltd.	9.70
Twin Richfield Oils Ltd.	5.20
Voyager Energy Company	3.50
Steward Whipple	5.00
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 21

R. 20

R. 19

R. 18 W 4 M

T. 30

T. 29

T. 28

T. 27

**DRUMHELLER NISKU UNIT NO. 2**

INITIAL EFFECTIVE DATE - 1 OCTOBER 1964

UNIT OPERATOR - DOME PETROLEUM LIMITED

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DUNVEGAN GAS UNIT NO. 1

Unit Operator - Anderson Exploration Ltd.

Initial Effective Date - 1 August 1973

Participation Revised - 1 January 1987

*Unitized Zone - Paddy, Cadotte, Notikewin, Bluesky-Bullhead, Upper Debolt, Middle Debolt, and Lower Debolt

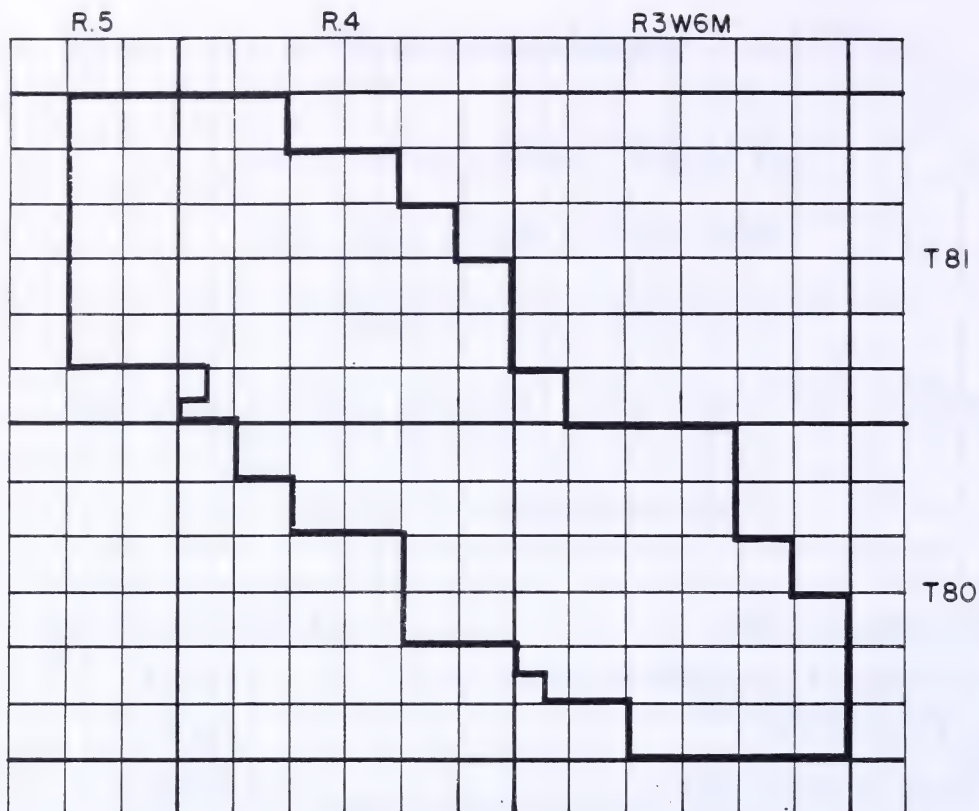
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	4.06579
Anderson Exploration Ltd.	47.49352
Ardee Resources Ltd.	0.55263
Barnwell of Canada, Limited	14.24706
Bow Valley Industries Ltd.	0.09307
The British Columbia Sugar Refining Company Limited	0.99994
Colonial Oil & Gas Ltd.	6.43968
Columbia Gas Development of Canada Ltd.	0.58537
Corvair Oils Ltd.	2.38941
DEB Canadian Explorations 1977	1.30440
DEB Canadian Explorations 1978	1.72330
Dome Petroleum Limited	0.09307
Lac Minerals Ltd.	0.50133
Lacana Petroleum Limited	0.94892
Paloma Petroleum Ltd.	4.29314
TN Resources Partnership	1.90594
Trilogy Resource Corporation	0.69999
Unocal Canada Limited	5.36268
W. F. Brown Exploration Ltd.	3.21985
Yeti Contractors Ltd.	0.50133
119307 Exploration Ltd.	2.57958
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



DUNVEGAN GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — AUGUST 1, 1973

UNIT OPERATOR — ANDERSON EXPLORATION LTD.

FREEMAN UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 June 1968

Participation Revised - 1 March 1987

*Unitized Zone - Swan Hills Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	6.651991
Diamond Shamrock Exploration of Canada, Ltd.	7.124311
Home Oil Company Limited	25.883459
Hudson's Bay Oil and Gas Company Limited	26.607964
Petroterra Natural Resources Ltd.	7.124311
Unocal Canada Limited	26.607964
	<u>100.000000</u>

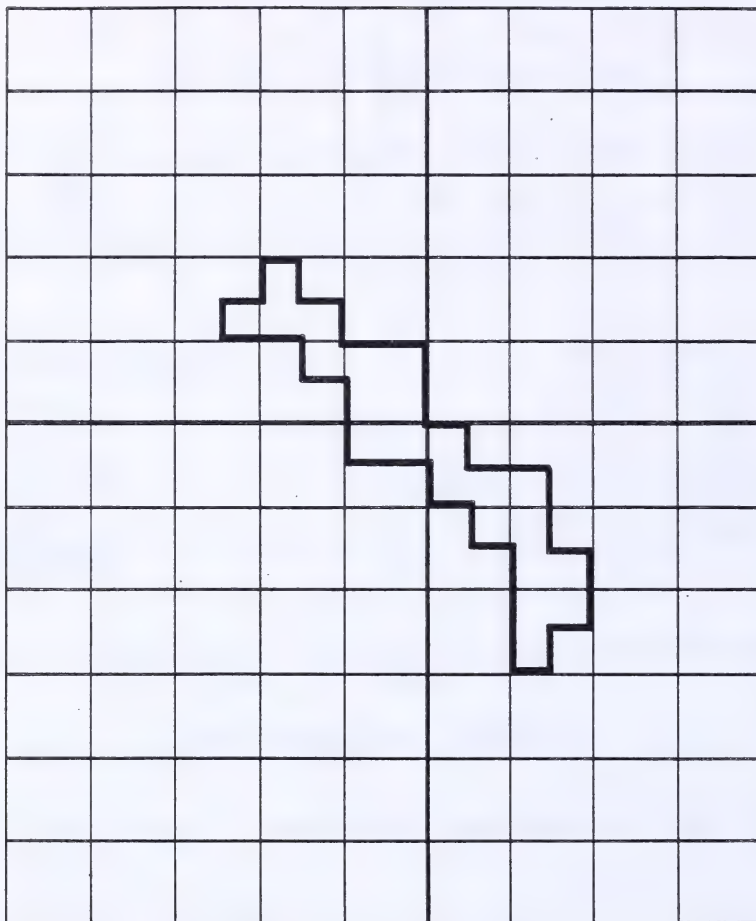
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.13

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T.65

FREEMAN UNIT NO. 1

INITIAL EFFECTIVE DATE - JUNE 1 1968

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

GLEICHEN UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 January 1986

Participation Revised - 1 December 1986

*Unitized Zone - Viking Formation and all geological formations down to the base of the Medicine Hat Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Eagle Petroleums Ltd.	10.2381
KanAmera-Texas Sentry Operating Partnership	26.6667
PanCanadian Petroleum Limited	50.9523
RTEC One Resources Inc.	12.1429
	<u>100.0000</u>

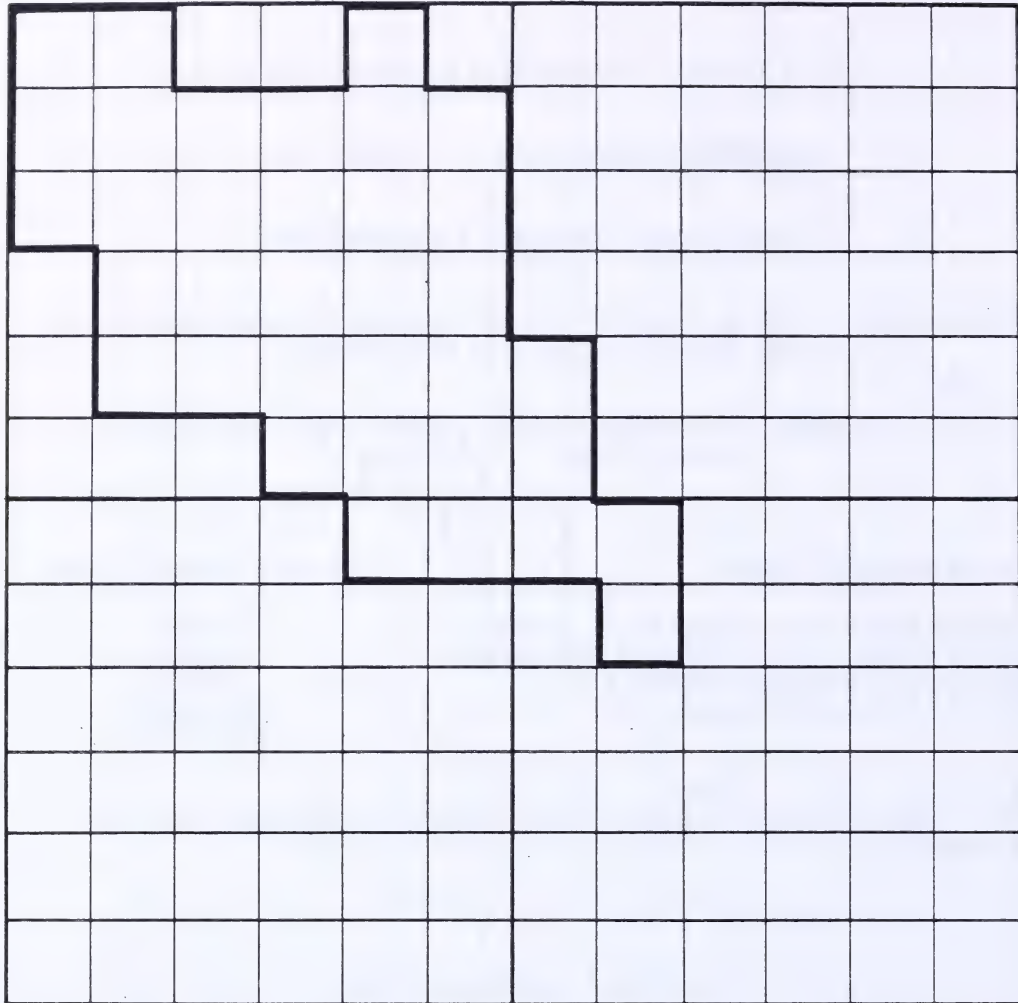
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.21

R.20W.4M.



T.22

T.21

GLEICHEN UNIT NO.1



INITIAL EFFECTIVE DATE- 1 JANUARY, 1986

UNIT OPERATOR- PANCANADIAN PETROLEUM LIMITED

JOARCAM VIKING UNIT NO. 2

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 February 1967

Participation Revised - 1 February 1987

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

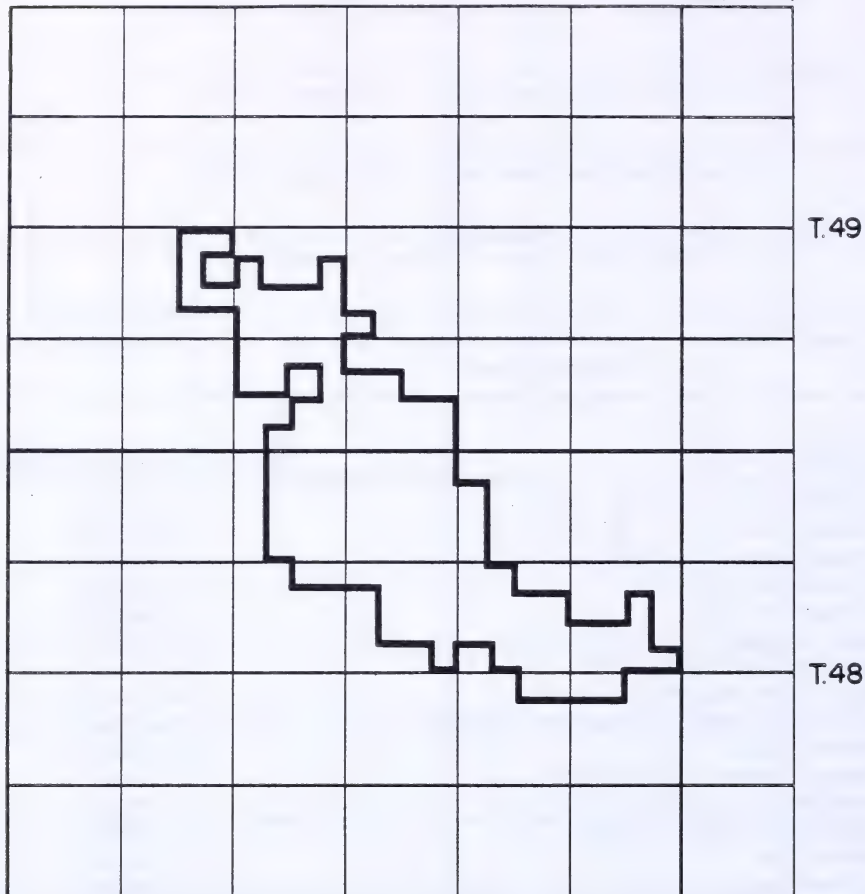
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberdeen Petroleum Limited	3.914360
Bankeno Resources Ltd.	1.957380
BP Resources Canada Limited	0.975802
Canadian Superior Oil Ltd.	1.245985
Canterra Energy Ltd.	0.146037
Crown Trust Company	0.170771
Esso Resources Canada Limited	25.581061
Gulf Canada Corporation	19.256455
Hudson's Bay Oil and Gas Company Limited	9.420040
ICG Resources Ltd.	8.233628
Norcen Energy Resources Limited	2.914077
North Canadian Oils Limited	10.330672
PanCanadian Petroleum Limited	5.309005
Petro-Canada Inc.	5.283549
RTEC One Resources Inc.	2.288866
Scurry Rainbow Oil Limited	0.480342
Shell Canada Limited	2.491970
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.20W4M.



INITIAL EFFECTIVE DATE - FEBRUARY 1, 1967

UNIT OPERATOR—ESSO RESOURCES CANADA LIMITED

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 November 1969

Participation Revised - 1 February 1987

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

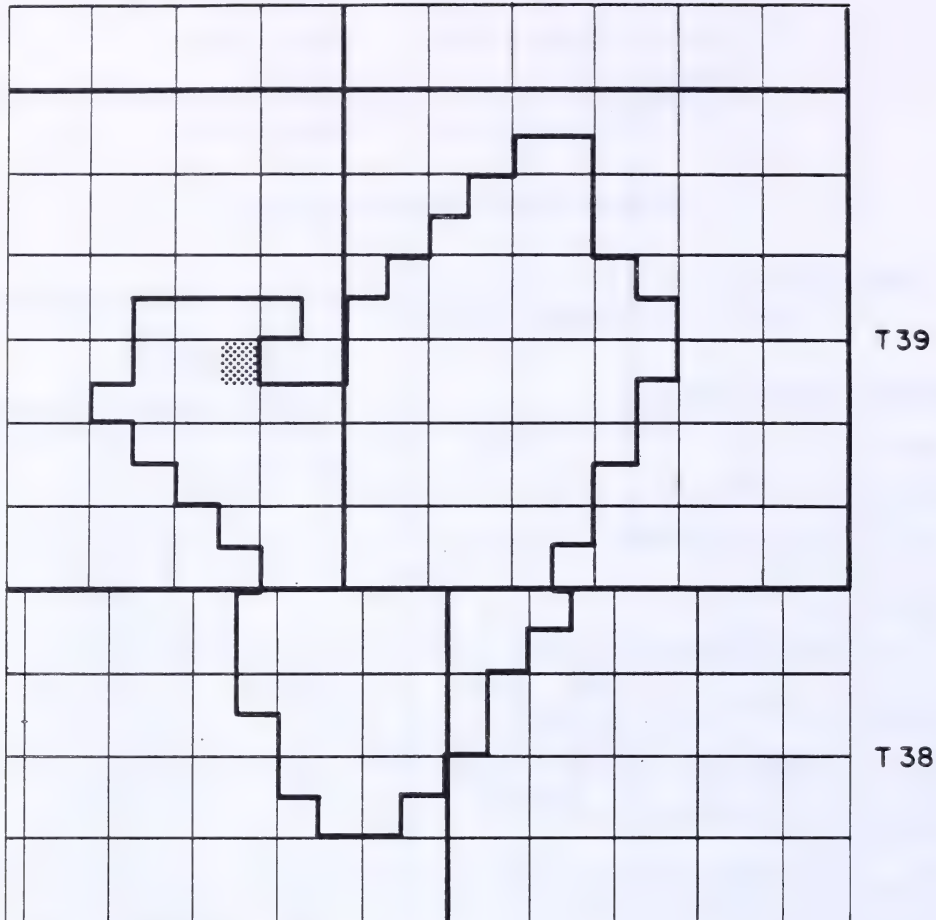
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Asamera Inc.	0.12203
Balmer Enterprises Inc.	0.20226
Canada Northwest Energy Limited	0.48280
Canadian Superior Oil Ltd.	8.29427
Canterra Energy Ltd.	0.07932
Caroline Petroleums (1985) Ltd.	0.15688
Chair Holdings Limited	3.96651
Chevron Canada Resources Limited	18.99677
Esso Resources Canada Limited	28.51571
Gulf Canada Corporation	1.37949
Hudson's Bay Oil & Gas Company Limited	3.40102
Musketeer Energy Ltd.	2.67721
New York Oils Limited	0.40203
Norcen Energy Resources Limited	2.75344
Petro-Canada Inc.	7.70335
Ranger Oil Limited	2.51793
Scurry-Rainbow Oil Limited	0.41111
Shell Canada Limited	4.32411
Simpson Resources Limited	0.47296
Suncor Inc.	7.18575
Texaco Canada Resources	2.80375
Total Petroleum Canada Ltd.	1.54280
United Canso Oil & Gas Ltd.	0.08440
Unocal Canada Limited	0.91841
Western Decalta Petroleum (1977) Limited	0.60569
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.26W4M



JOFFRE D-2 UNIT NO.1

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1969

UNIT OPERATOR—ESSO RESOURCES CANADA LIMITED

AREA OF CHANGE EFFECTIVE - NOVEMBER 1, 1974

KAYBOB SOUTH TRIASSIC UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 June 1967

Participation Revised - 1 March 1987

*Unitized Zone - Triassic Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	12.283814
BP Resources Canada Limited	0.465127
Champlin Canada Ltd.	5.582144
Hudson's Bay Oil and Gas Company Limited	39.089364
Mobil Oil Canada, Ltd.	0.465127
Musketeer Energy Ltd.	0.985503
New York Oils Limited	0.130094
Norcen Energy Resources Limited	0.465127
Petro-Canada Inc.	0.989262
Unocal Canada Limited	39.089364
Western Decalta Petroleum (1977) Limited	0.455074
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

LEDUC WOODBEND D-2 UNIT

Unit Operator - Esso Resources Canada Limited

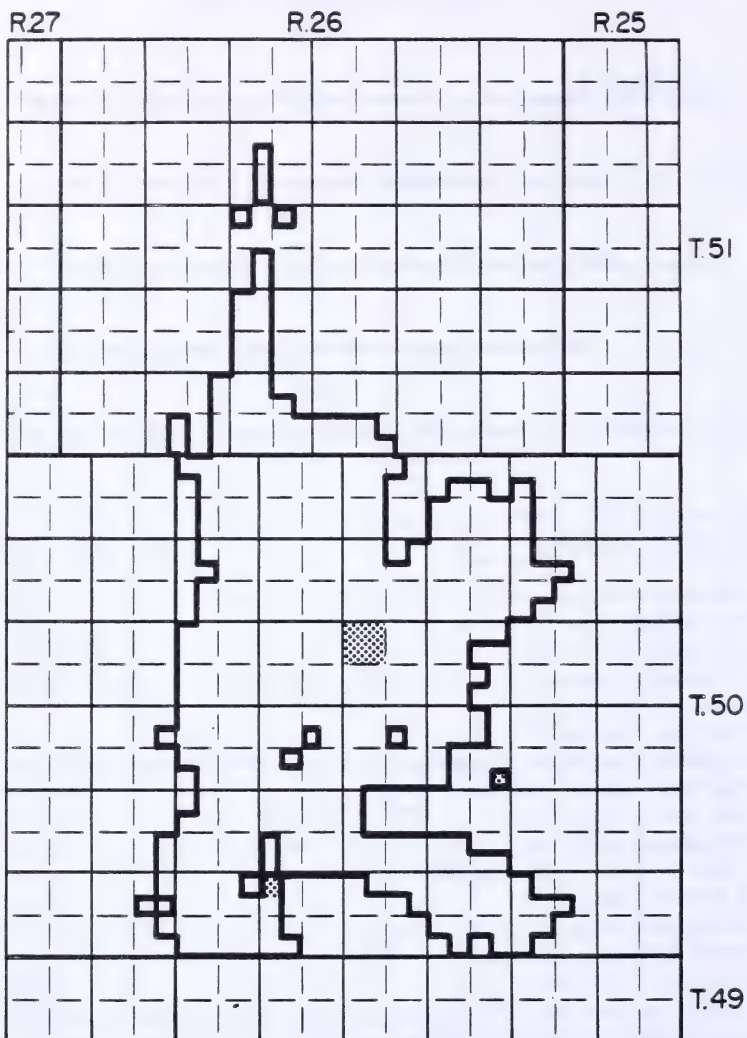
Initial Effective Date - 1 October 1960

Participation Revised - 1 February 1987

*Unitized Zone - Nisku D-2 Formation

*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bankeno Resources Ltd.	0.09070
Bow Valley Industries Limited	0.50960
Canadian Superior Oil Ltd.	0.93306
Canterra Energy Ltd.	0.45250
Centipede Holdings Ltd.	0.45250
Chair Holdings Limited	1.60810
Chevron Canada Resources Limited	0.39120
Esso Resources Canada Limited	69.15510
Gulf Canada Corporation	0.27845
Home Oil Company Limited	3.92391
Hudson's Bay Oil and Gas Company Limited	4.38150
Husky Oil Operations Ltd.	1.32630
Magnum Resources Ltd.	0.13360
Miller Pycrz Roberts Limited	0.32070
Mutual Holdings Limited	0.62910
Norcen Energy Resources Limited	1.19530
Norcen Energy Resources Limited	0.43010
Petro-Canada Inc.	1.34500
Petro-Canada Inc.	0.54950



LEDUC WOODBEND D-2 UNIT

INITIAL EFFECTIVE DATE - OCTOBER 1, 1960

UNIT OPERATOR—ESSO RESOURCES CANADA LIMITED

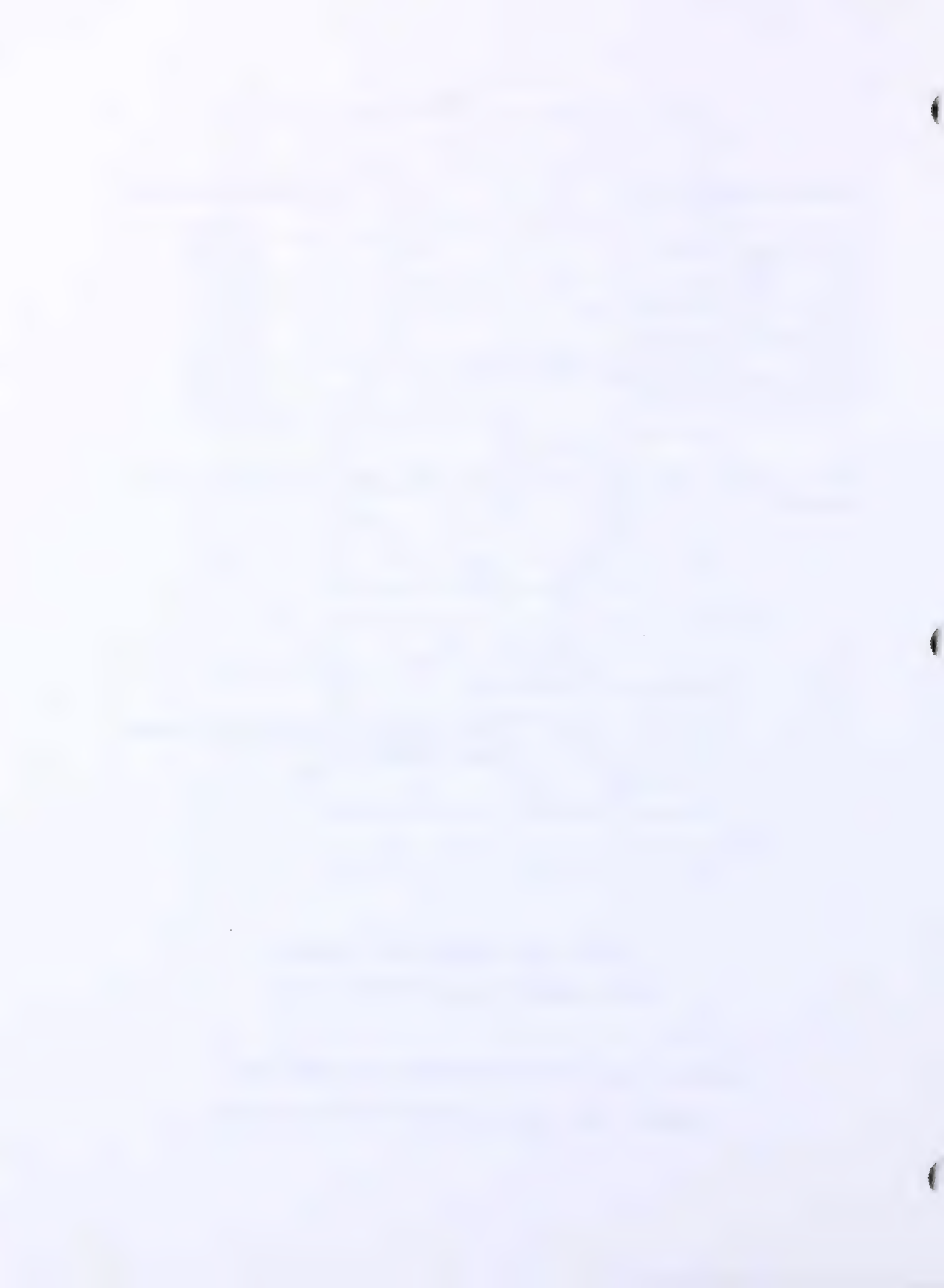
AREA OF CHANGE EFFECTIVE APRIL 1, 1965 - 

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Sereda Oils Ltd.	0.65350
Shell Canada Limited	2.76863
Suncor Inc.	1.30700
Texaco Canada Resources	0.27845
United Canso Oil & Gas Ltd.	1.44390
Well Operators Limited	2.29610
Westburne Petroleum & Minerals Limited	2.49340
Western Decalta Petroleum (1977) Limited	0.28350
Westgrowth Petroleums Ltd.	0.36930
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



LONE PINE CREEK GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 May 1965

Participation Revised - 1 February 1987

*Unitized Zone - Wabamun

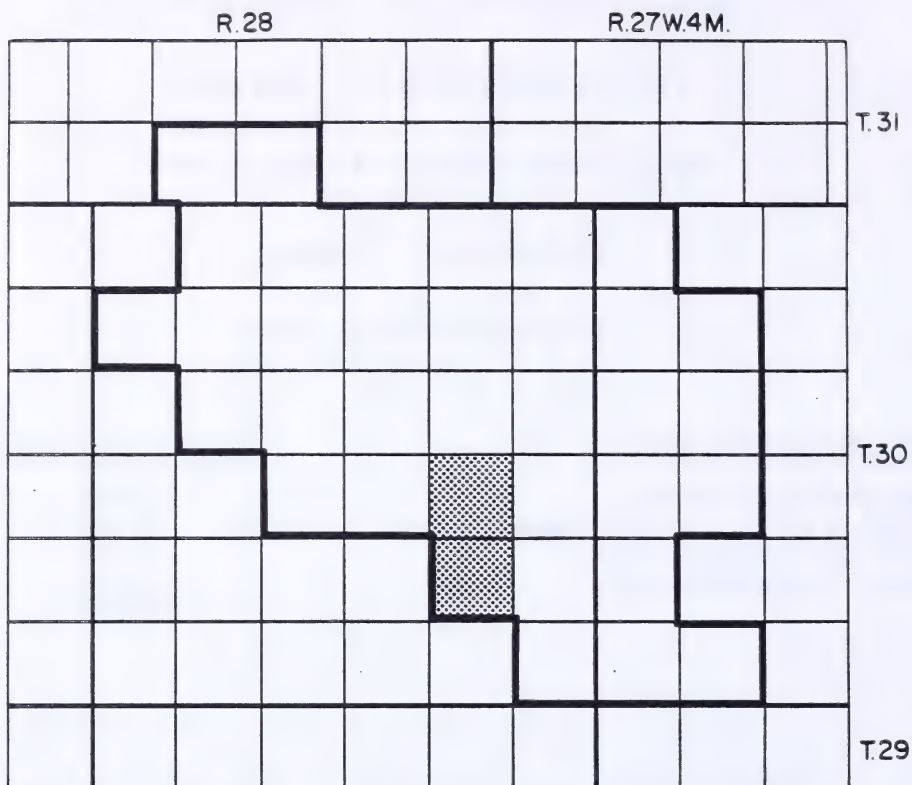
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	2.204
Hudson's Bay Oil and Gas Company Limited	83.499
Provo Gas Producers Limited	1.102
Texaco Canada Resources	13.195
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



LONE PINE CREEK GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - MAY 1, 1965

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

AREA OF CHANGE EFFECTIVE - FEBRUARY 1, 1968 - 

LONE PINE CREEK D-3 GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 September 1970

Participation Revised - 1 February 1987

*Unitized Zone - Leduc (D-3)

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	5.0705
Martha Billes	10.5468
Bracknell Resources Ltd.	1.1719
Canadian Superior Oil Ltd.	0.2104
Hudson's Bay Oil and Gas Company Limited	61.4110
Petro Canada Inc.	14.7170
Texaco Canada Resources	6.8724
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

MALMO D-3B GAS UNIT

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 March 1977

Participation Revised - 19 December 1986

*Unitized Zone - Leduc Formation

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

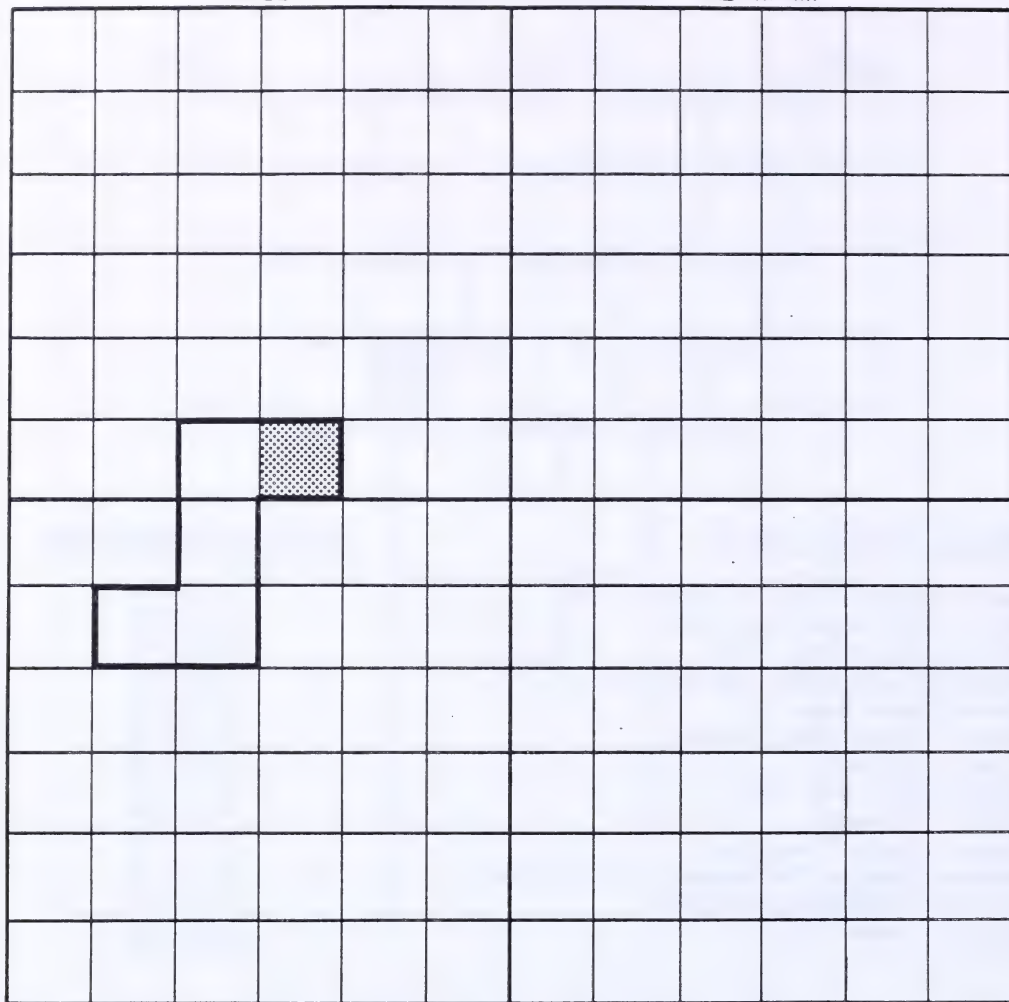
Amoco Canada Petroleum Company Ltd.	7.959660
Bow Valley Industries Ltd.	21.347380
Gulf Canada Corporation	34.621580
Norcen Energy Resources Limited	0.842660
Petro-Canada Inc.	7.960130
Precision Drilling Limited	4.158740
John H. Rathwell	0.693130
Strand Oil & Gas Ltd.	5.617735
John A. Tessari	0.693130
Texaco Canada Resources	7.960130
Western Decalta Petroleum (1977) Limited	1.685330
Universal Explorations Ltd.	0.842660
120243 Canada Inc.	5.617735
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

R. 22

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**MALMO D-3B GAS UNIT****ERC**

INITIAL EFFECTIVE DATE - 1 MARCH 1977

UNIT OPERATOR-GULF CANADA CORPORATION

AREA OF CHANGE



EFFECTIVE - 1 OCTOBER 1983

MARTEN HILLS GAS UNIT NO. 1

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 November 1969

Participation Revised - 1 July 1986

*Unitized Zone - Wabiskaw, Wabamun & Grand Rapids

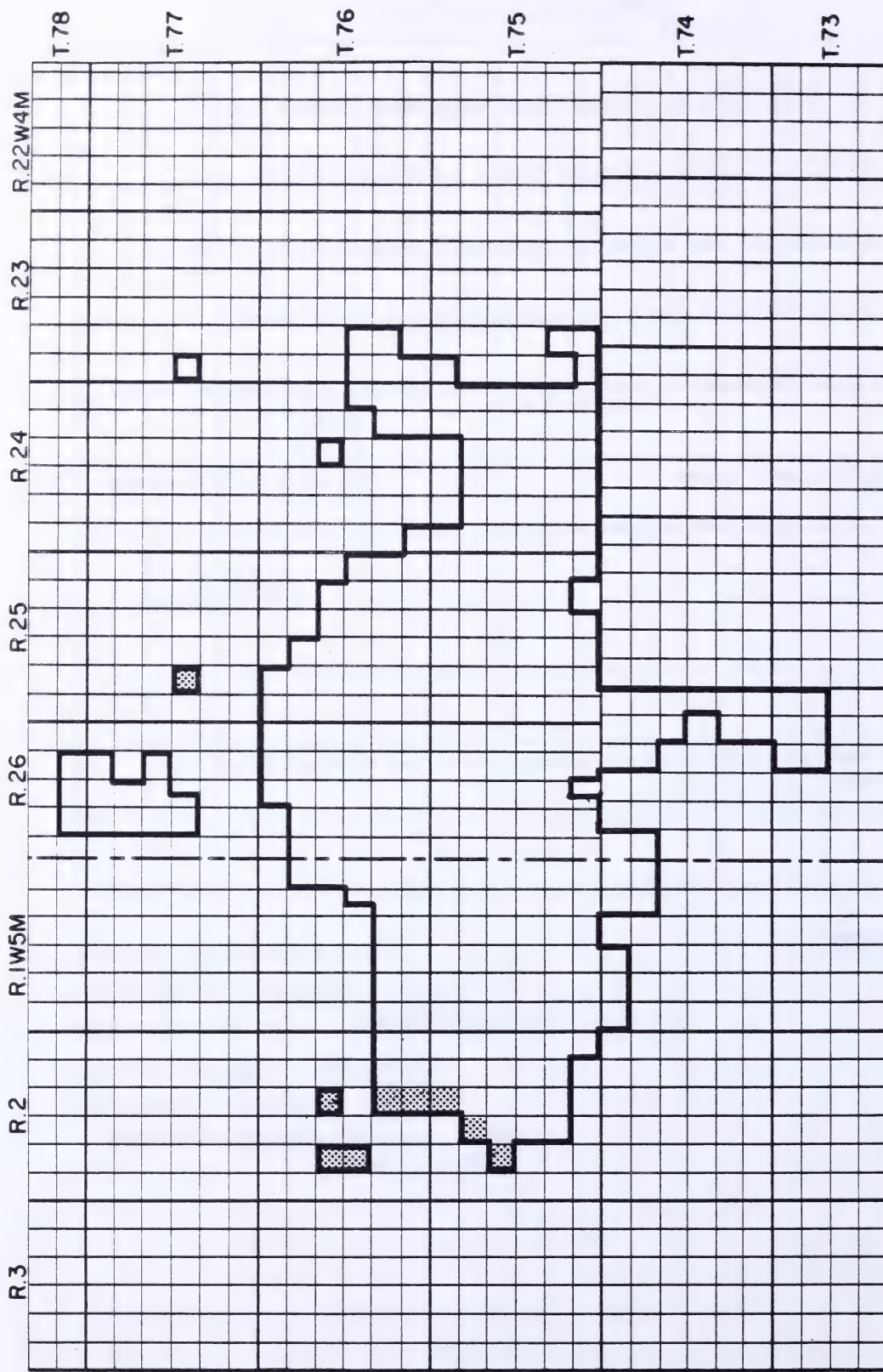
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	96.16866
Husky Oil Operations Ltd.	<u>3.83134</u> 100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



MARTEN HILLS GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1969

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD.

AREA OF CHANGE EFFECTIVE JANUARY 1, 1972

MITISUE GILWOOD SAND UNIT NO. 1

Unit Operator - Chevron Canada Resources Limited

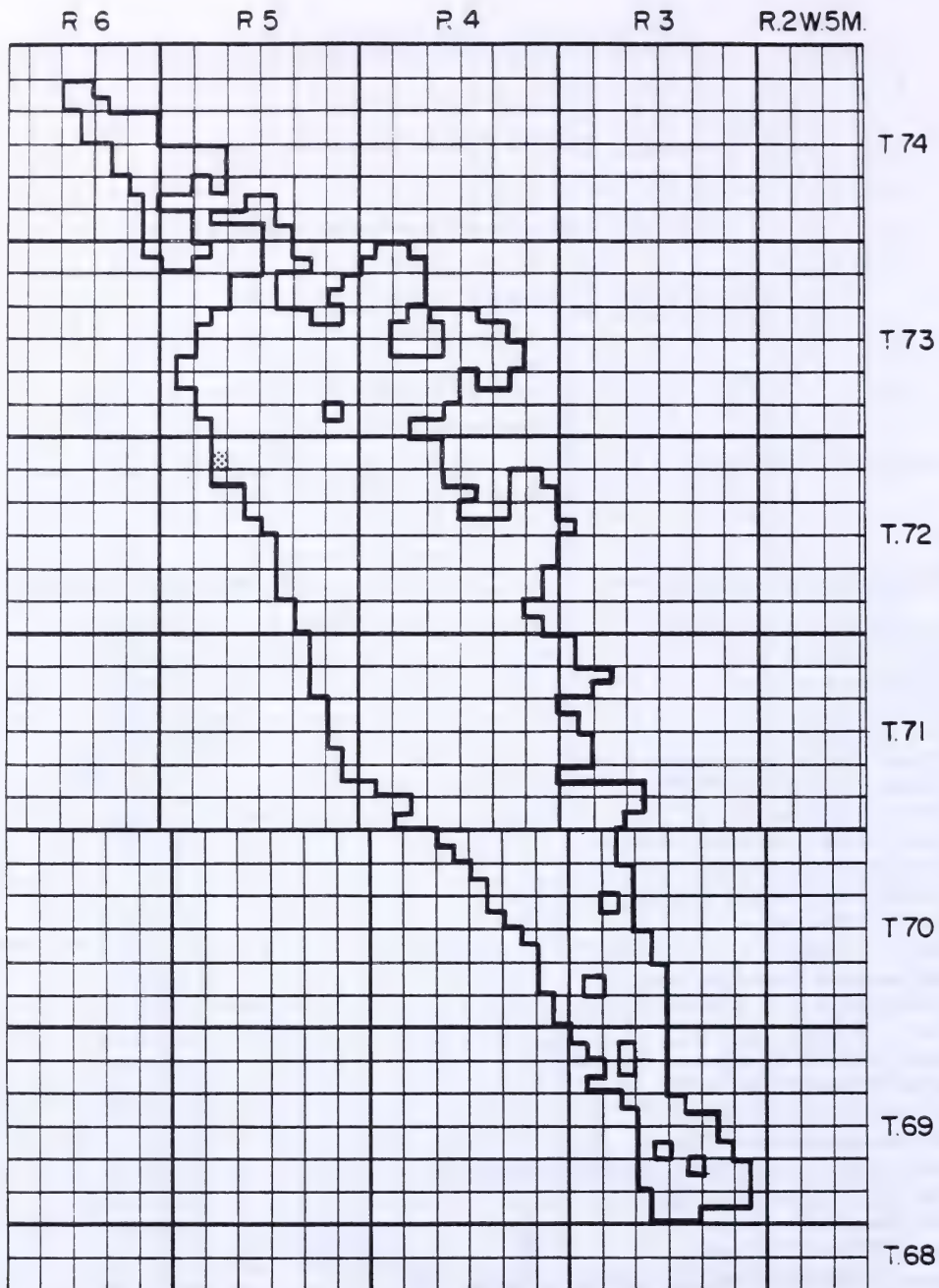
Initial Effective Date - 1 May 1968

Participation Revised - 1 January 1987

*Unitized Zone - Gilwood Sand Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
110561 Manufacturing Ltd.	0.004532
217192 Holdings Ltd.	0.004722
241231 Alberta Inc.	0.039037
304231 Alberta Ltd.	0.015882
308535 Alberta Ltd.	0.009443
American Eagle Petroleum Ltd.	0.044851
Anderson Exploration Ltd.	0.150010
Atkins & Durbrow Ltd.	0.129245
Angela E. Barlow	0.004721
Bass & Sons Resources, Ltd.	0.039548
BP Resources Canada Limited	0.428451
Janet W. Brondyke	0.002361
Robert A. Brondyke, in trust	0.002362
Canadian Superior Oil Ltd.	1.240928
Can-Tex Producing Company Ltd.	0.390376
Canterra Energy Ltd.	0.436117
Chevron Canada Resources Limited	46.065645
Chieftain Development Co. Ltd.	0.017342
Chimo Construction Ltd.	0.039037
Congress Resources Ltd.	0.009342
Cooperative Energy Development Corporation	0.078119
Cotton Petroleum Corporation	0.034256
Danco Resources Ltd.	0.002803
Denison Mines Limited	0.447605
Diamond Shamrock Exploration of Canada, Ltd.	0.015391
Dorset Energy Corporation	0.009443
Equity Oil Company	0.820251
Esso Resources Canada Limited	26.716645
Forsis Holdings Ltd.	0.009128
Gulf Canada Corporation	0.553882
Home Oil Company Limited	6.783347
Hudson's Bay Oil and Gas Company Limited	0.652061
J. M. Huber Corporation	0.074352
Judy Creek Oil and Gas Ltd.	0.009407
Peter R. Kutney	0.003967



MITSUE GILWOOD SAND UNIT NO.1



INITIAL EFFECTIVE DATE - 1 MAY 1968

UNIT OPERATOR - CHEVRON CANADA RESOURCES LIMITED

AREA OF CHANGE EFFECTIVE - 1 JANUARY 1987

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Ladd Exploration Company	0.009971
Langley Oils Limited	0.001889
Lario Oil & Gas Company	0.585893
Russell T. Lund Oil Trust	0.585892
Midcon Oil & Gas Ltd.	0.561926
Mobil Oil Canada, Ltd.	1.749678
Murphy Oil Company Ltd.	0.068284
Musketeer Energy Ltd.	0.148620
M. F. Enterprises	0.001888
Norcen Energy Resources Limited	0.580260
Northern Development Company Limited	0.022353
Numac Oil & Gas Ltd.	0.087576
Oakwood Petroleums Ltd.	0.038533
Pembina Resources Limited	0.865059
Penn West Petroleum Ltd.	0.062284
Petro-Canada Inc.	2.875737
Prairie Oil Royalties Company Ltd.	0.069844
Ranger Oil Limited	1.310927
Resman Holdings Ltd.	0.006296
Skywest Resources Corp.	0.012905
Shunex Resources Ltd.	0.004408
Spruce Hills Production Company, Inc.	0.820052
Strand Oil & Gas Ltd.	0.044851
Suncor Inc.	1.307511
Syd Robertson Holdings	0.003777
Texaco Canada Resources	0.059830
Tiverton Petroleums Ltd.	0.018886
Total Petroleum Canada Ltd.	0.516435
Trilogy Resource Corporation	0.068284
Tyler Oils Ltd.	0.022016
Ulster Petroleums Ltd.	0.010406
Ultramar Oil and Gas Canada Limited	0.011707
Universal Explorations Ltd.	0.197141
Western Decalta Petroleum (1977) Limited	1.479768
Wrangler Management Ltd.	0.012954
Yellowknife Bear Mines Limited	0.418199
Zeus Oil & Holdings Ltd.	0.073351
	100.000000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

MORSE RIVER UNIT NO. 1

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 April 1966

Participation Revised - 1 August 1984

*Unitized Zone - Swan Hills

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

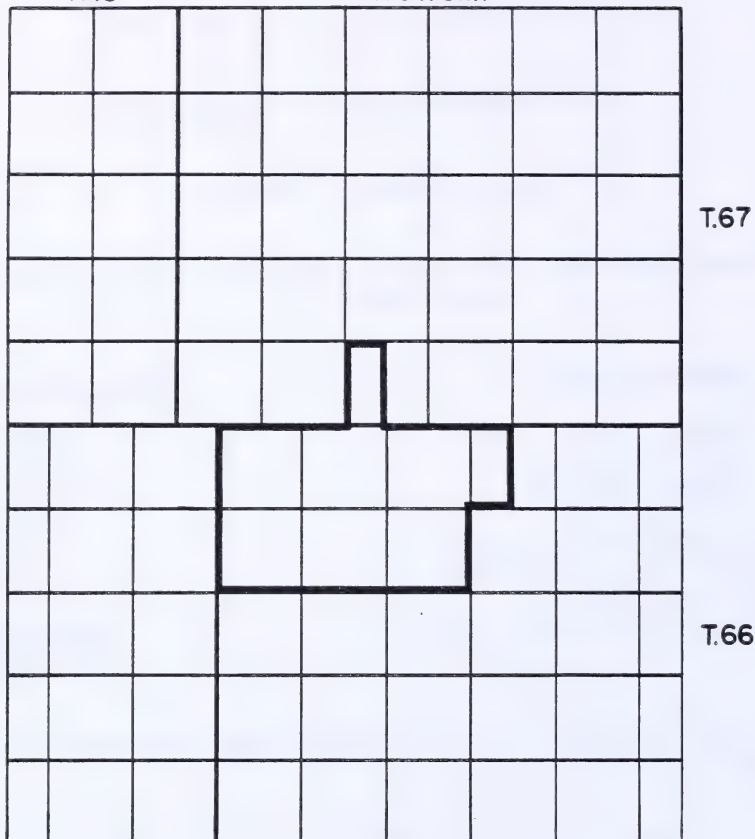
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Limited	9.8701473
Denison Mines Limited	14.9450040
Home Oil Company Limited	29.6104412
Mobil Oil Canada, Ltd.	1.8574264
Musketeer Energy Ltd.	9.2955817
Norcen Energy Resources Limited	1.3930699
Numac Oil & Gas Ltd.	6.7079370
Total Petroleum Canada Ltd.	<u>26.3203925</u>
	100.0000000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9W.5M.



INITIAL EFFECTIVE DATE - APRIL 1, 1966

UNIT. OPERATOR - HOME OIL COMPANY LIMITED

PEMBINA BELLY RIVER "B" EAST UNIT

Unit Operator - Westburne Petroleum & Minerals Ltd.

Initial Effective Date - 1 September 1972

Participation Revised - 13 March 1987

*Unitized Zone - Belly River Formation

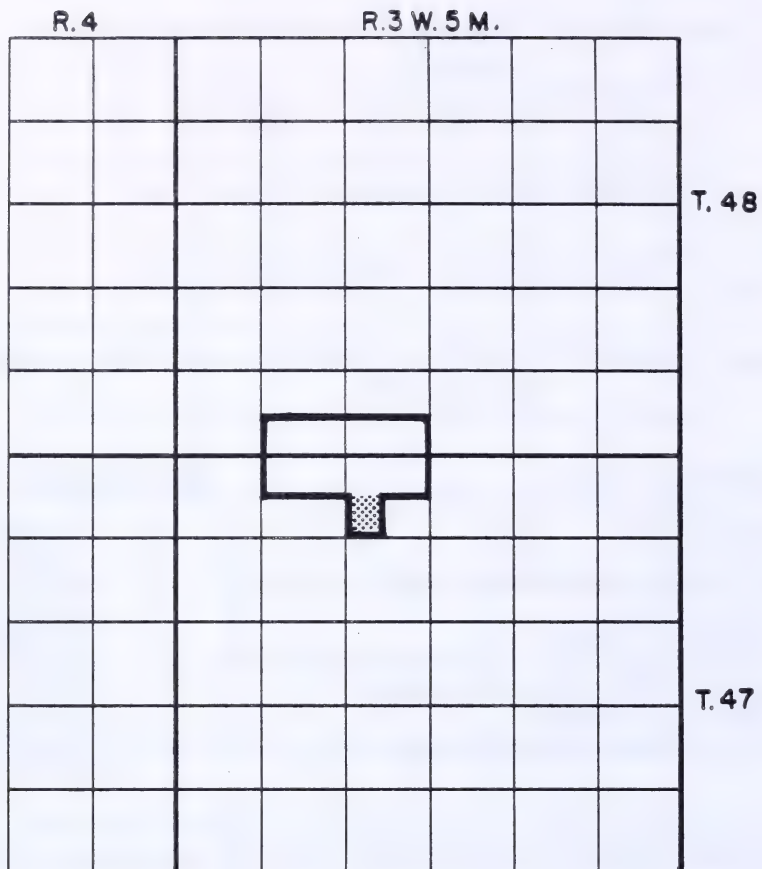
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Mrs. Martha Billes	8.441614
Bonanza Oil & Gas Ltd.	7.693037
Cheyenne Petroleum Corporation (NPL)	0.574116
Jedal Resources Inc.	3.577338
Lacana Petroleum Limited	16.966054
MLC Oil and Gas Ltd.	5.220324
North American Life Assurance Company	0.337904
Pembina Resources Limited	7.476676
Westburne Petroleum & Minerals Ltd.	49.712937
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PEMBINA BELLY RIVER "B" EAST UNIT

INITIAL EFFECTIVE DATE — SEPTEMBER 1, 1972

UNIT OPERATOR — WESTBURNE PETROLEUM & MINERALS LTD

AREA OF CHANGE EFFECTIVE-NOVEMBER 1, 1975

PEMBINA CARDIUM UNIT NO. 10
(Berrymoor Cardium Unit)

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 August 1962

Participation Revised - 1 February 1987

*Unitized Zone - Cardium Formation

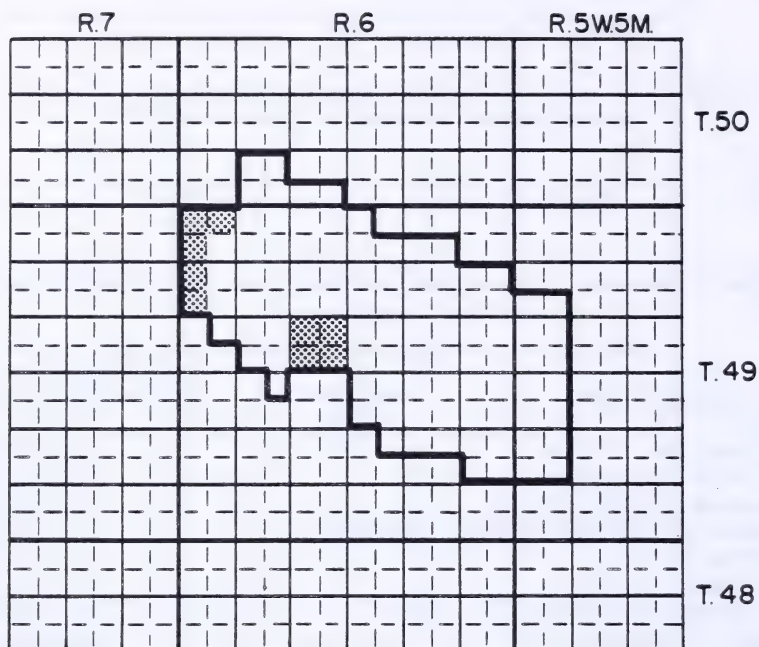
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	27.380360
DeKalb Exploration Inc.	11.776225
Esso Resources Canada Limited	27.380360
Hudson's Bay Oil and Gas Company Limited	8.542240
ICG Resources Ltd.	1.753789
Musketeer Energy Ltd.	6.100575
RTEC One Resources Inc.	2.218336
Shell Canada Limited	14.848115
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PEMBINA CARDIUM UNIT NO. 10 (BERRYMOOR CARDIUM UNIT)

INITIAL EFFECTIVE DATE - AUGUST 1, 1962

UNIT OPERATOR - ESSO RESOURCES CANADA LIMITED

AREA OF CHANGE EFFECTIVE - JANUARY 1, 1964 - 000000

PEMBINA CARDIUM UNIT NO. 31

Unit Operator - Western Decalta Petroleum (1977) Limited

Initial Effective Date - 1 November 1960

Participation Revised - 1 March 1987

*Unitized Zone - Cardium Formation

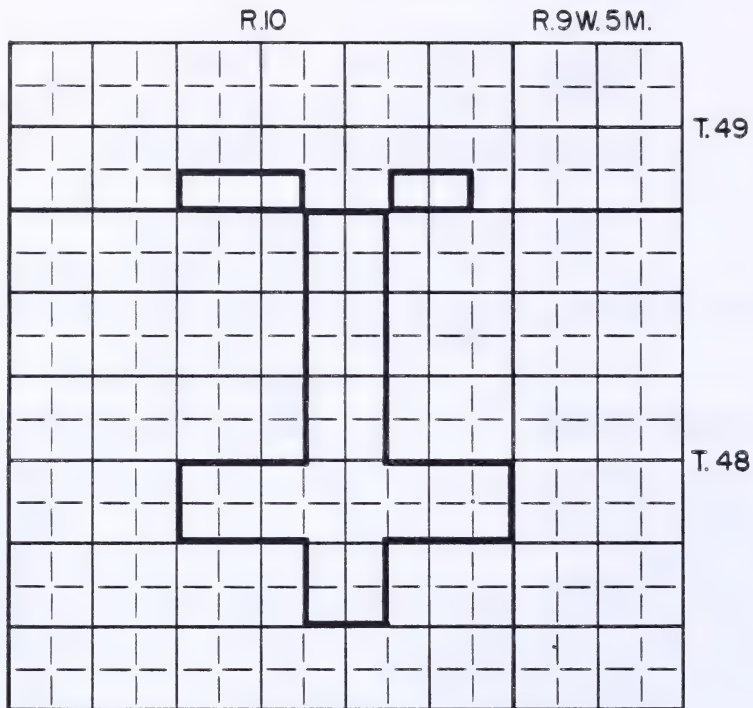
*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	3.9000
Heenan Senlac Resources Limited	0.7146
Lakewood Oil & Gas Ltd.	0.9000
Mobil Oil Canada Ltd.	14.4000
Norcen Energy Resources	1.2000
Petro-Canada Exploration Inc.	19.4500
Spruce Hills Production Company Inc.	19.8917
Ultramar Oil and Gas Canada Limited	6.1050
Universal Explorations (83) Ltd.	6.1050
Western Decalta Petroleum (1977) Limited	27.3337
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PEMBINA CARDIUM UNIT NO.31

INITIAL EFFECTIVE DATE - 1 NOVEMBER 1960

UNIT OPERATOR - WESTERN DECALTA PETROLEUM (1977) LIMITED

PEMBINA EASYFORD CARDIUM UNIT NO. 2

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 May 1965

Participation Revised - 1 February 1987

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Occidental Petroleum Ltd.	19.1259
Dome Petroleum Limited	67.3951
Norcen Energy Resources Limited	13.4790
	<u>100.0000</u>

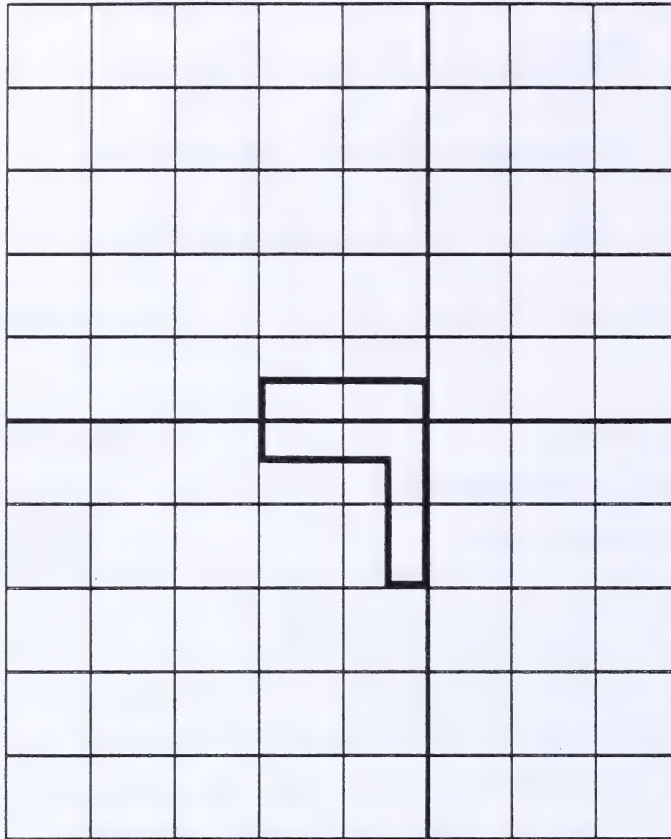
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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PEMBINA EASYFORD CARDIUM UNIT NO.2

INITIAL EFFECTIVE DATE - MAY 1, 1965

UNIT OPERATOR - DOME PETROLEUM LIMITED

PINE CREEK GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 February 1969

Participation Revised - 1 October 1983

*Unitized Zone - Leduc Formation and Wabamum Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	41.667
Hudson's Bay Oil and Gas Company Limited	41.667
Petro Canada Enterprises Inc.	16.666
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

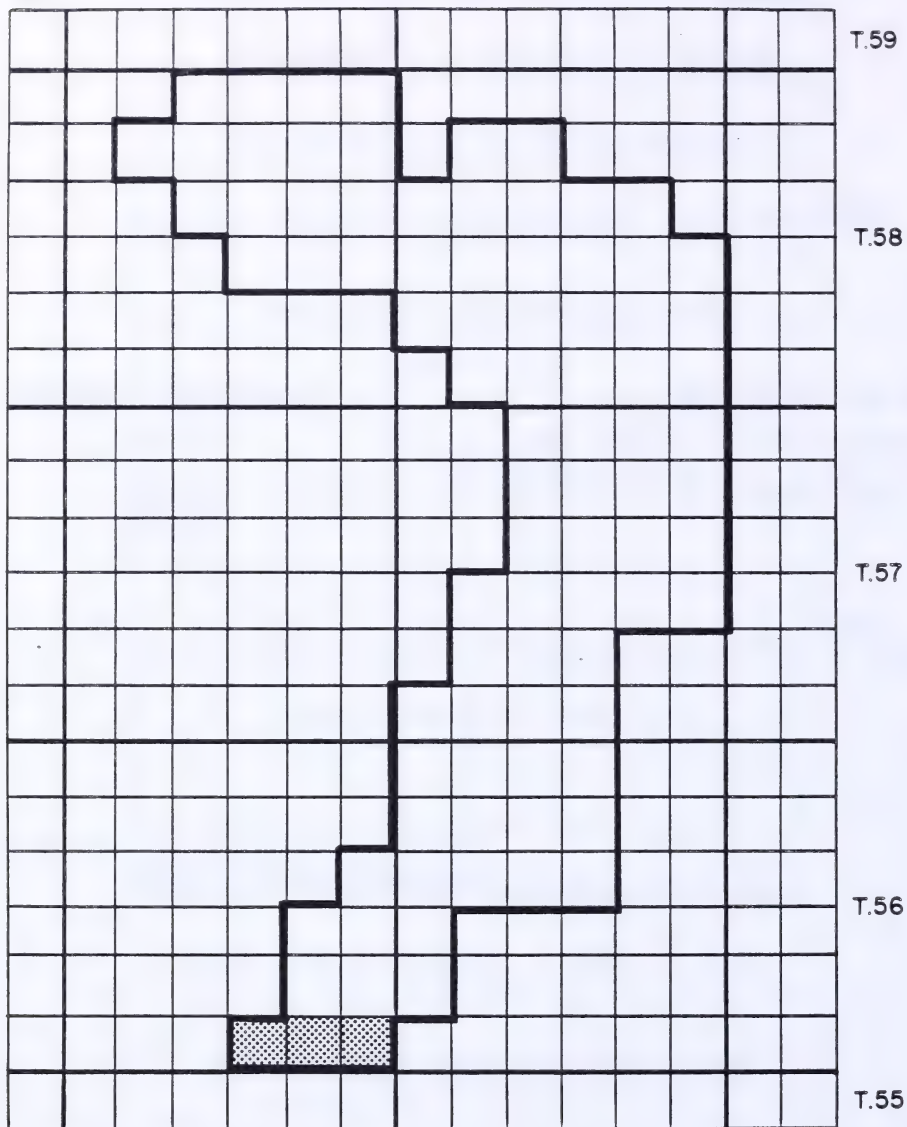
ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.21

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R.19

R.18W.5M.



PINE CREEK GAS UNIT NO.1



INITIAL EFFECTIVE DATE — 1 FEBRUARY 1969

UNIT OPERATOR — HUDSON'S BAY OIL AND GAS COMPANY LIMITED

AREA OF CHANGE EFFECTIVE — 1 JANUARY 1987

PORTAGE GAS UNIT

Unit Operator - Suncor Inc.

Initial Effective Date - 1 October 1976

Participation Revised - 1 January 1987

*Unitized Zone - McMurray Formation and Upper Devonian Unit Formation

*Unitized Substance - Gas

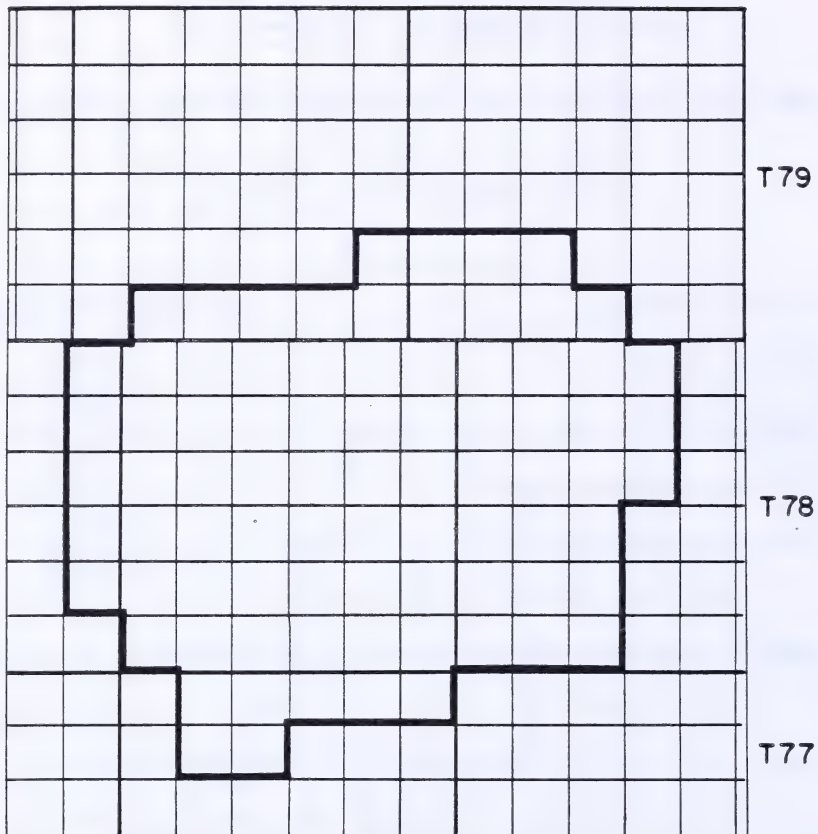
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Cavalier Energy Limited	22.78695
Dome Petroleum Limited	8.26636
Enron Oil Canada Ltd.	0.88282
Grosmont Resources Ltd.	1.62778
Paracorp Ltd.	2.30591
Ranchmen's Resources Ltd.	2.30591
Suncor Inc.	57.43321
Trilogy Resource Corporation	4.39106
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.16



UNIT OPERATOR - SUNCOR INC.

PROGRESS HALFWAY GAS UNIT NO. 1

Unit Operator - Shell Canada Limited

Initial Effective Date - 1 September 1985

Participation Revised - 1 November 1986

*Unitized Zone - Halfway Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bow Valley Industries Ltd.	4.05259
Brannigan Resources Canada Ltd.	2.30441
Chancellor Energy Resources Inc.	3.34793
Dome Petroleum Ltd.	0.35748
J. M. Huber Corporation	13.91506
I.C.G. Resources Ltd.	12.31411
Mobil-GC Canada Ltd.	11.93214
Petro-Canada Inc.	15.37443
Shell Canada Limited	20.35590
Sulbath Exploration Ltd.	0.35748
Texaco Canada Inc.	7.76107
Texaco Canada Resources	7.61336
Westcoast Petroleum Ltd.	0.31404
	<u>100.00000</u>

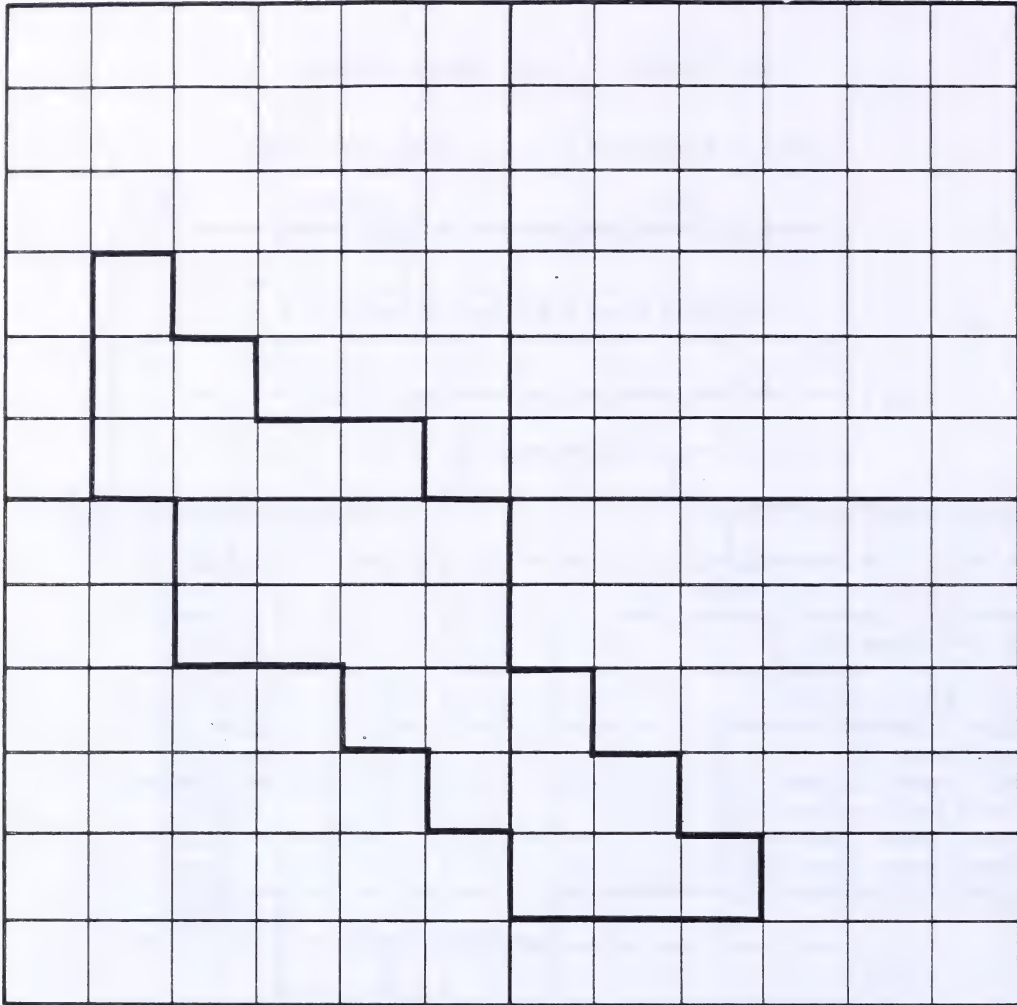
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9

R.8 W.6M.



T.78

T.77

PROGRESS HALFWAY GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 1 SEPTEMBER 1985

UNIT OPERATOR-SHELL CANADA LIMITED

PROVOST VETERAN VIKING "C" SOUTH UNIT

Unit Operator - Westburne Petroleum & Minerals Ltd.

Initial Effective Date - 1 June 1973

Participation Revised - 30 January 1987

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
A.I.S. Resources Limited	4.5574820
Cloverdale Oil & Gas Ltd.	1.7062050
Diamond Shamrock Exploration of Canada, Ltd.	2.1897810
Fraser Exploration Ltd.	0.3193420
Harvard International Resources Ltd.	43.7956200
Hudson's Bay Oil and Gas Company Limited	4.3795625
Koch Exploration Canada, Ltd.	8.5264630
Norcen Energy Resources Limited	1.8248170
Twin Eagle Resources Inc.	3.4306560
Universal Explorations Ltd.	0.3649635
Westburne Drilling (Canada) Ltd.	7.2992700
Westburne Petroleum & Minerals Ltd.	16.6423331
Westburne Petroleum Services Ltd.	3.8686144
Western Decalta Petroleum (1977) Limited	<u>1.0948905</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

NORTH PROVOST GAS UNIT

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 November 1967

Participation Revised - 15 March 1987

*Unitized Zone - Viking Formation

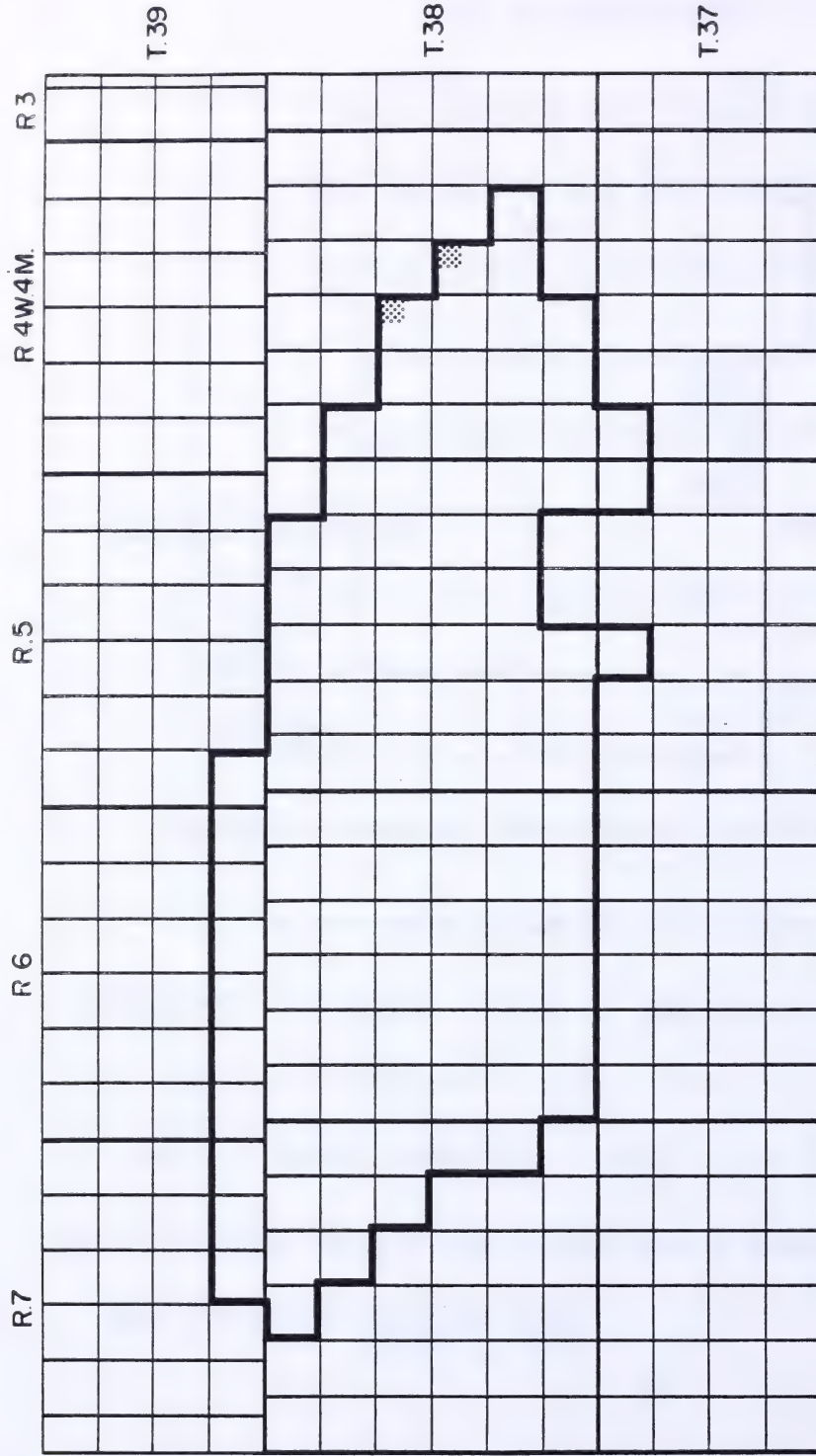
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Ltd.	15.34633
Hudson's Bay Oil and Gas Company Limited	4.99350
Provo Gas Producers Limited	62.26865
TCPL Petroleum Ltd.	1.46513
Texaco Canada Resources	10.89448
Westcoast Petroleum (1985) Ltd.	5.03191
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



NORTH PROVOST GAS UNIT

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1967

UNIT OPERATOR - DOME PETROLEUM LIMITED

AREA OF CHANGE EFFECTIVE - OCTOBER 1, 1968

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ROWLEY BELLY RIVER GAS UNIT NO. 1

Unit Operator - Gulf Canada Corporation

Initial Effective Date - 1 March 1976

Participation Revised - 4 February 1987

*Unitized Zone - Basal Belly River "A" Sand

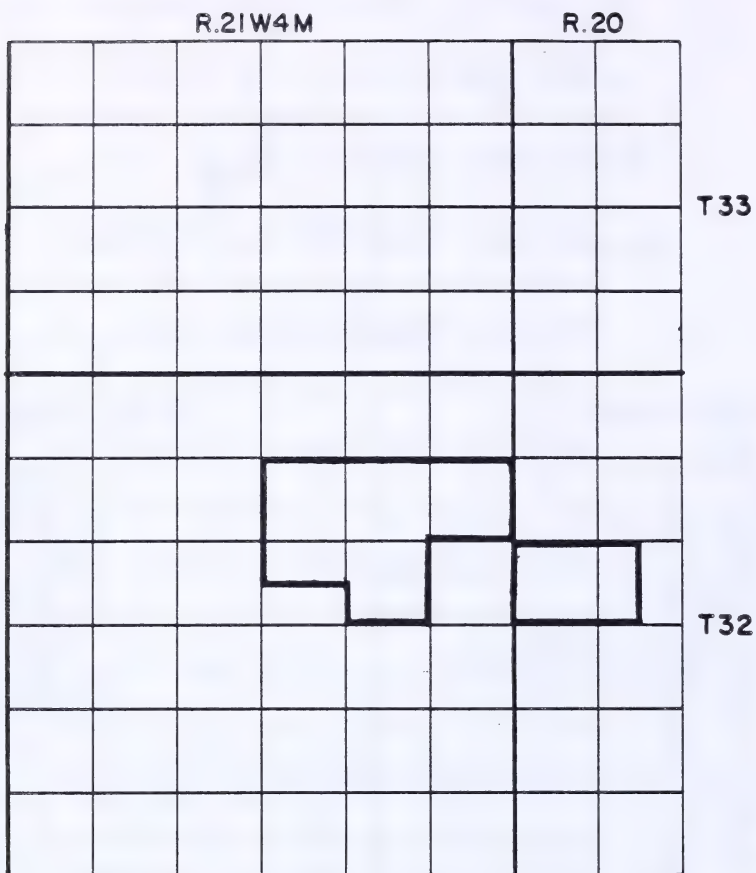
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Eagle Petroleum Ltd.	5.673555
Atcor Ltd.	5.673556
Consolidated Oil and Gas (Canada) Ltd.	12.912388
Gulf Canada Corporation	49.203011
Hudson's Bay Oil and Gas Company Limited	9.523150
Kerr-McGee Corporation	3.492586
Murphy Oil Company Limited	0.416670
PanCanadian Petroleum Limited	1.758296
Woodbend Oil & Gas Ltd.	11.346788
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



ROWLEY BELLY RIVER GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — MARCH 1, 1976

UNIT OPERATOR - GULF CANADA CORPORATION

SEVEN PERSONS CREEK UNIT

Unit Operator - The City of Medicine Hat

Initial Effective Date - 1 June 1968

Participation Revised - 1 July 1982

*Unitized Zone - Medicine Hat Formation

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

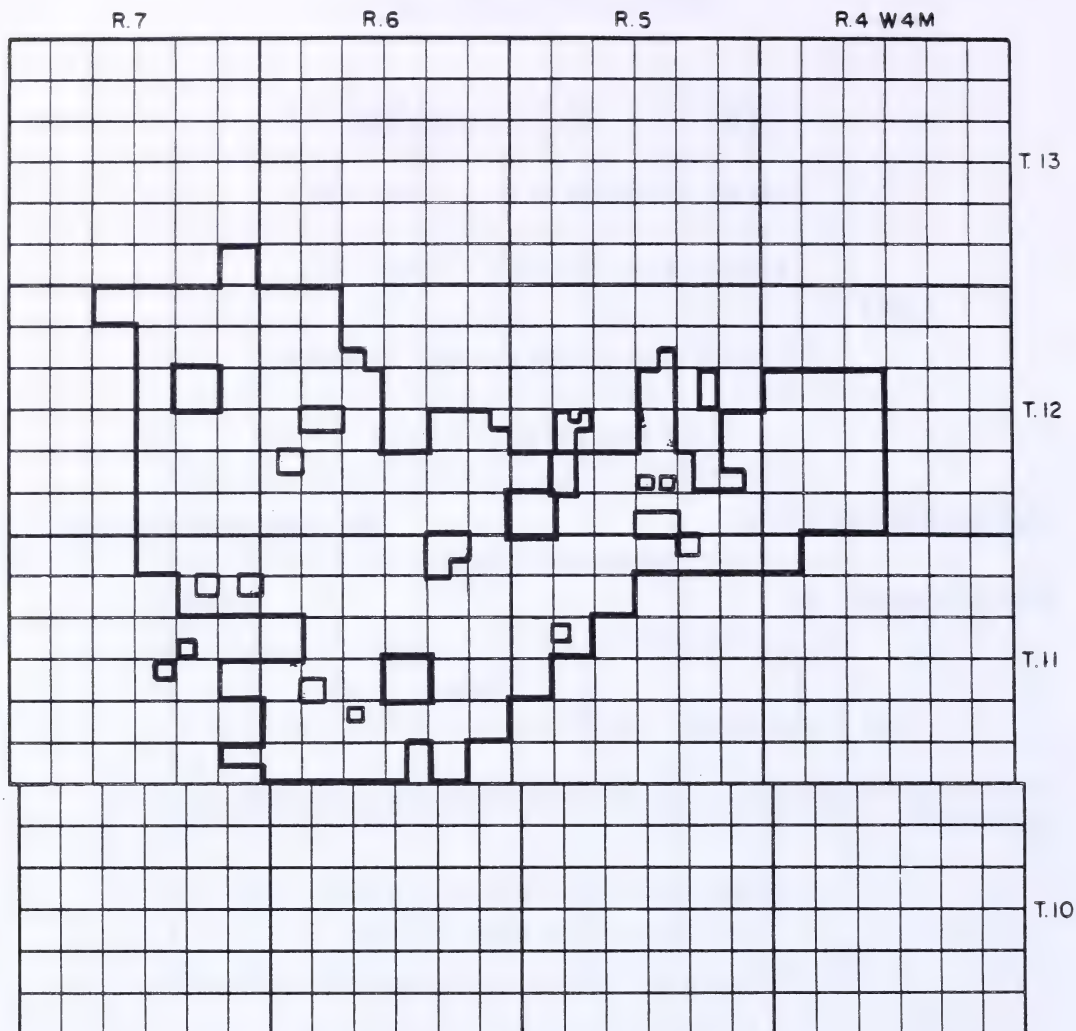
City of Medicine Hat

100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



SEVEN PERSONS CREEK UNIT



INITIAL EFFECTIVE DATE - 1 JUNE 1968

UNIT OPERATOR - THE CITY OF MEDICINE HAT

AREA OF CHANGE EFFECTIVE - 1 JUNE 1968



SPIRIT RIVER TRIASSIC UNIT NO. 1

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 1 February 1986

Participation Revised - 1 March 1987

*Unitized Zone - Charlie Lake Formation and Halfway Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

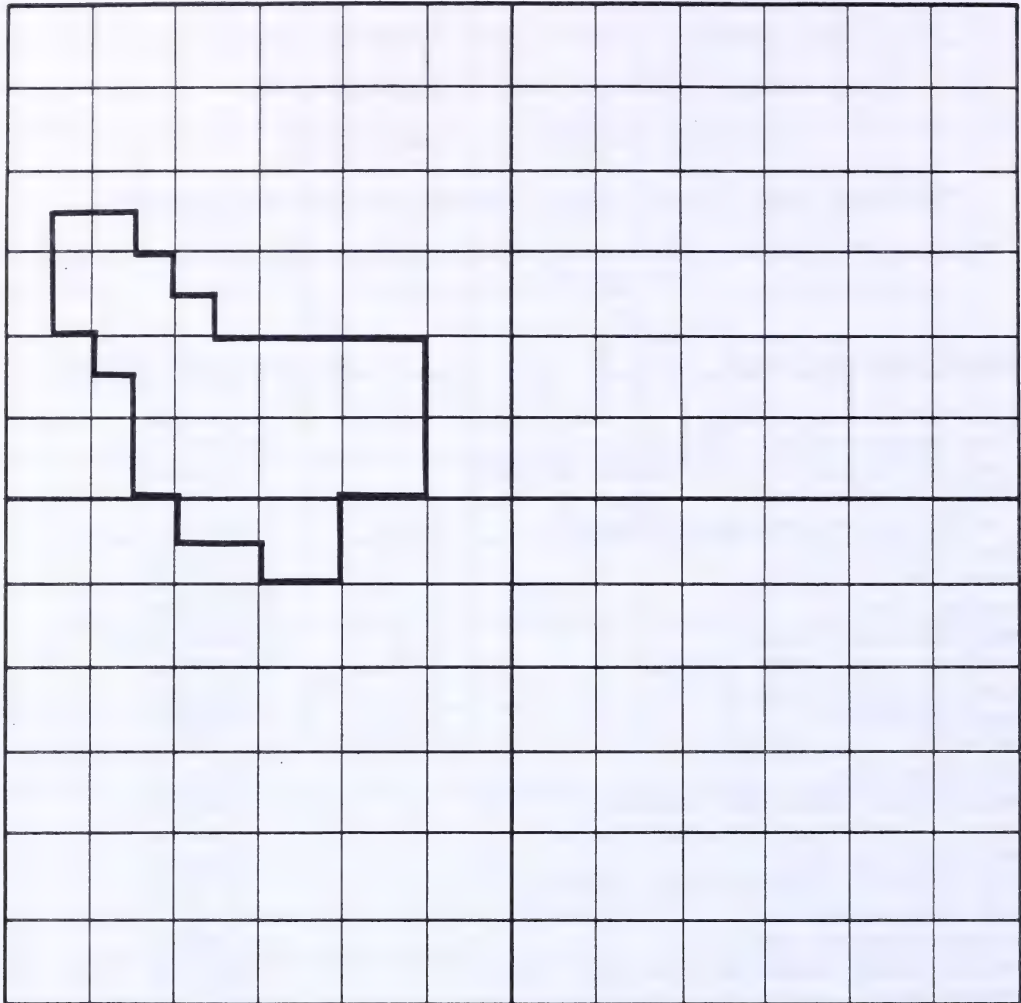
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Accipiter Resources Ltd.	0.02750
Allaro Resources Ltd.	0.94857
Allaro #1 Company by its General Partner 226891 Alberta Ltd.	0.25544
A. M. Patterson, Geologist Limited	0.94304
Bobcat Energy Ltd.	0.37929
Chauvco Resources Ltd.	1.31710
Corexcal, Inc.	15.56624
Dome Petroleum Limited	0.43775
Esso Resources Canada Limited	3.35634
Francarep Canada Limited	1.89839
Georges Rostoker	0.45100
Midcon Oil & Gas Limited	0.31736
Mizel Oils Ltd.	0.31736
Norcen Energy Resources Limited	15.12575
Northern Development Company Limited	2.64000
OeMV Oil & Gas Ltd.	7.83347
Pacific Lighting Exploration Company	3.79286
Pauma Petroleum Ltd.	0.45100
Petrorep (Canada) Ltd.	7.83347
Pioneer Energy Resources Limited	1.27719
Propetro Corp.	3.95131
Redeagle Resources Ltd.	0.30250
Spruce Hills Production Company, Inc.	0.44895
Taurus Industries Ltd.	0.12377
Thomson-Jensen Petroleum Limited	10.55208
Tripet Resources Limited	14.92539
Wigham Resources Ltd.	0.94857
Wintershall Oil of Canada Ltd.	2.62623
Yellowknife Bear Resources Inc.	0.63472
282116 Alberta Inc.	0.31736
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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SPIRIT RIVER TRIASSIC UNIT NO.1



INITIAL EFFECTIVE DATE - 1 FEBRUARY 1986

UNIT OPERATOR - NORCEN ENERGY RESOURCES LIMITED

SWAN HILLS UNIT NO. 1

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 January 1963

Participation Revised - 15 October 1986

*Unitized Zone - Swan Hills Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberford Resources Ltd.	0.6240712
Amerada Minerals Corporation of Canada Ltd.	1.0455030
Amoco Canada Petroleum Company Ltd.	14.4474685
Balmer Enterprises, Inc.	0.0272774
Benedum-Trees Oil Company	0.2080238
BP Resources Canada Limited	1.9280706
Canadian Kenwood Company	0.6890651
Canadian Superior Oil Limited	5.0870025
Canterra Energy Ltd.	1.3868515
Chair Holdings Ltd.	0.2332560
Corvair Oils Ltd.	0.0756917
Denison Mines Limited	0.3337640
Dome Petroleum Limited	0.0033729
Esso Resources Canada Limited	0.1631170
Gulf Canada Corporation	16.9080285
Home Oil Company Limited	17.2031688
Luscar Ltd.	1.4381363
C. L. McMahon	0.0771046
P. J. McMahon	0.1002323
Estate of R. W. McMahon	0.0539132
Mobil Oil Canada, Ltd.	7.1236790
Murphy Oil Company Ltd.	1.2067858
Musketeer Energy Ltd.	0.0242061
Norcen Energy Resources Limited	0.2710628
Petro-Canada Exploration Inc.	4.8616328
Phillips Petroleum Canada Ltd.	0.5002590
Sabre Petroleums Ltd.	0.0387878
Shell Canada Limited	0.0787607
Suncor Inc.	1.9474812
Texaco Canada Resources	18.6600542
TN Resources Partnership	0.8625003
Total Petroleum Canada Ltd.	2.2983007
Western Decalta Petroleum (1977) Limited	0.0933707
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

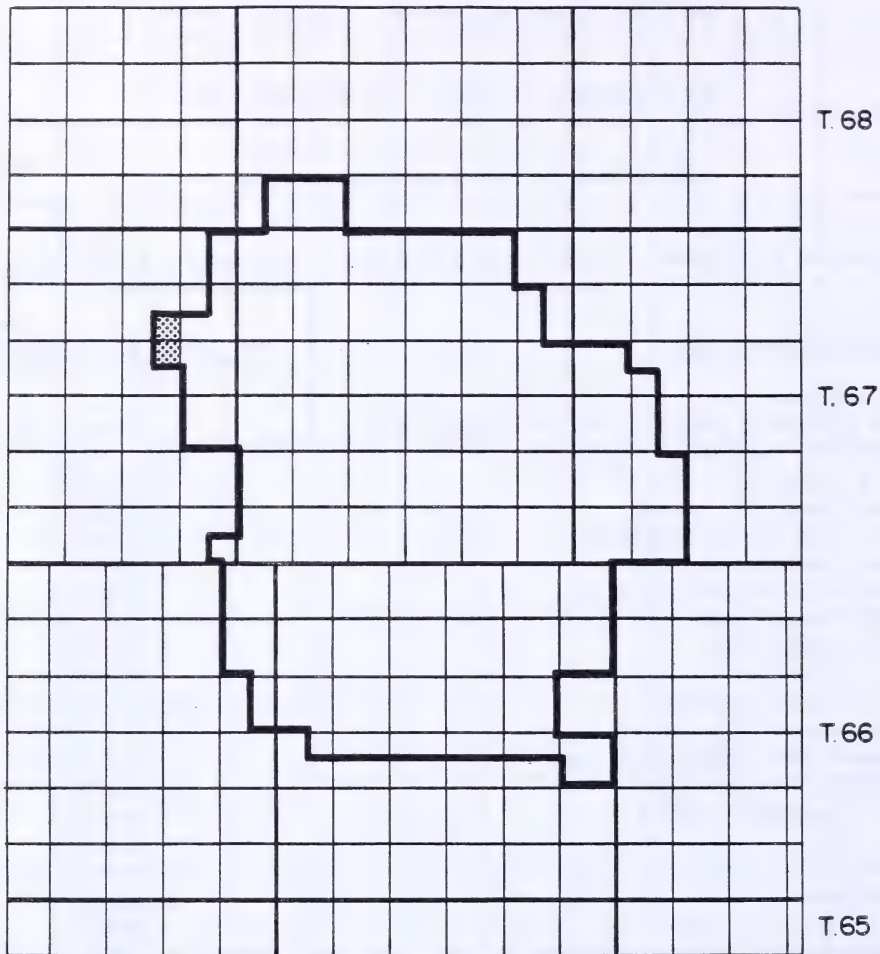
(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11

R 10

R.9W.5M.



SWAN HILLS UNIT NO. 1

INITIAL EFFECTIVE DATE - JANUARY 1, 1963

UNIT OPERATOR - HOME OIL COMPANY LIMITED

AREA OF CHANGE EFFECTIVE - AUGUST 1, 1974 - 

NORTH TWINING UNIT

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 September 1965

Participation Revised - 1 March 1987

*Unitized Zone - Pekisko Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bumper Development Corporation Ltd.	13.68111
Denison Mines Limited	8.21086
Esso Resources Canada Limited	15.98560
Gulf Canada Corporation	14.44451
Hudson's Bay Oil and Gas Company Limited	23.30953
Mobil Oil Canada, Ltd.	12.17927
Musketeer Energy Ltd.	9.47534
PanCanadian Petroleum Limited	2.13103
Shell Canada Limited	0.58275
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

WILLESDEN GREEN CARDIUM UNIT NO. 9

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 January 1970

Participation Revised - 1 February 1987

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and related hydrocarbons
(except coal)

Working Interest Owners

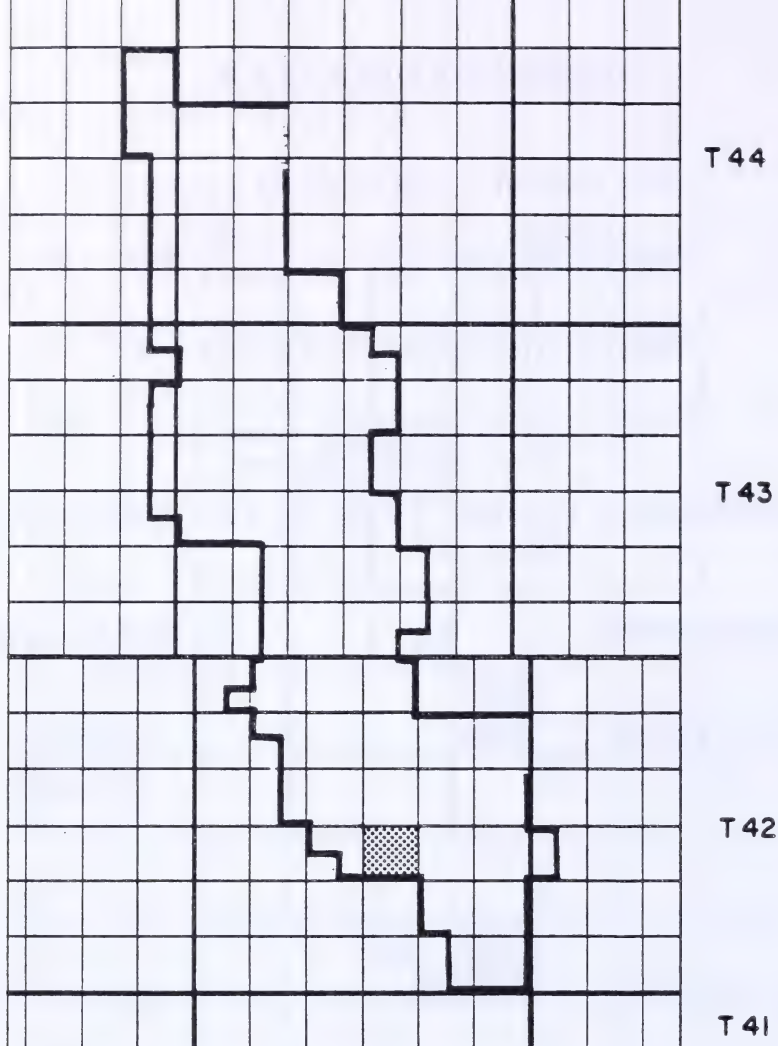
Per Cent Participation

BP Resources Canada Limited	0.011611
Dome Petroleum Limited	66.658926
Provo Gas Producers Limited	33.329463
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WILLESDEN GREEN CARDIUM UNIT NO.9

INITIAL EFFECTIVE DATE — JANUARY 1, 1970

AREA OF CHANGE EFFECTIVE - JANUARY 1, 1977 

UNIT OPERATOR — DOME PETROLEUM LIMITED

LEAFLAND SOUTH CARDIUM UNIT NO. 1

Unit Operator - Bow Valley Industries Ltd.

Initial Effective Date - 1 February 1965

Participation Revised - 1 July 1980

*Unitized Zone - Cardium Formation

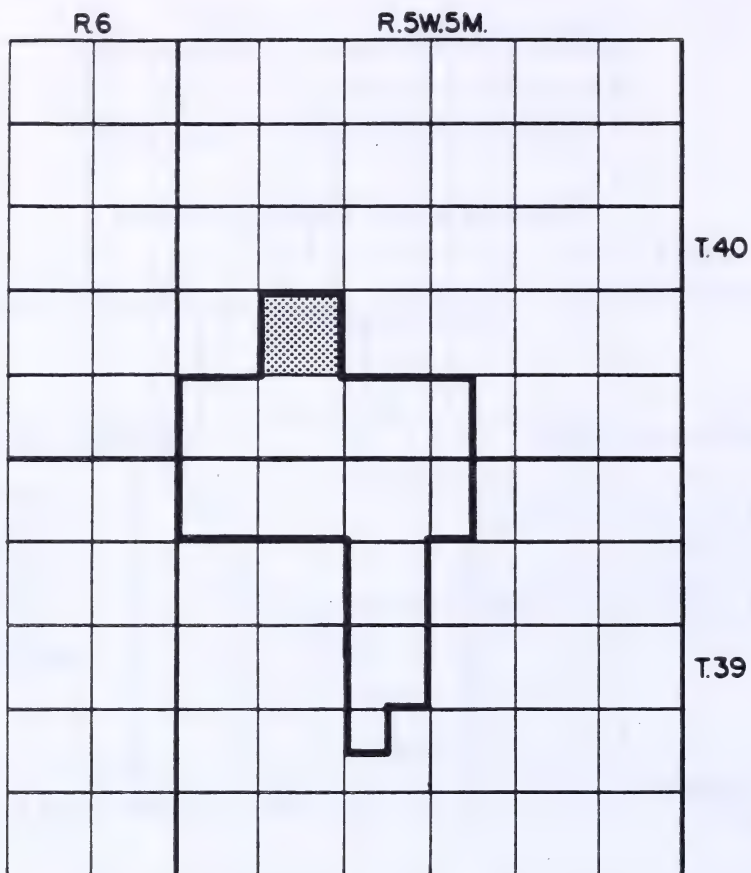
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bow Valley Industries Ltd.	51.06193
DeKalb Petroleum Corporation	23.31464
Denison Mines Limited	11.23162
Esso Resources Canada Limited	4.89687
Hudson's Bay Oil & Gas Company Limited	6.85501
Musketeer Energy Ltd.	2.63993
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



LEAFLAND SOUTH CARDIUM UNIT NO. 1

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1965

UNIT OPERATOR - BOW VALLEY INDUSTRIES LTD. -

AREA OF CHANGE EFFECTIVE ——— JULY 1, 1969 - 

OKOTOKS GAS UNIT NO. 2

Unit Operator - Kidd Creek Mines Ltd.

Initial Effective Date - 31 December 1969

Participation Revised - 1 May 1984

*Unitized Zone - Crossfield Member

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	17.25355
Home Oil Company Limited	1.26474
Kidd Creek Mines Ltd.	32.42649
LL&E Canada, Ltd.	9.16338
Mitchell Energy Corporation	12.40174
Rampart Resources Ltd.	9.16338
Transamerica Oil Company	18.32672
	<u>100.00000</u>

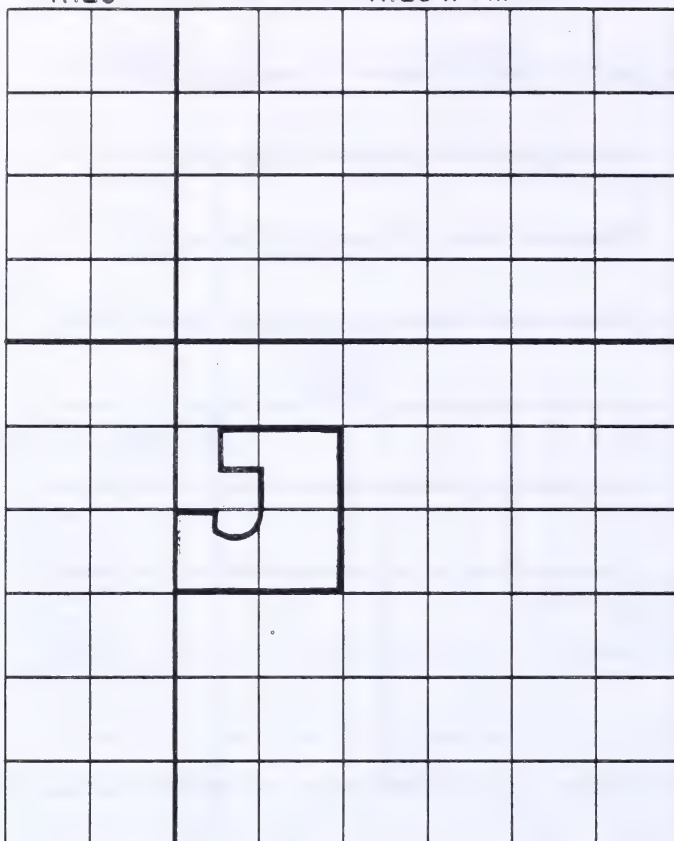
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.29

R.28 W4 M



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OKOTOKS GAS UNIT NO. 2

INITIAL EFFECTIVE DATE-DECEMBER 31, 1969

UNIT OPERATOR — KIDD CREEK MINES LTD

OKOTOKS UNIT (NORTH)

Unit Operator - Kidd Creek Mines Ltd.

Initial Effective Date - 16 July 1957

Participation Revised - 1 May 1984

*Unitized Zone - Devonian Formation

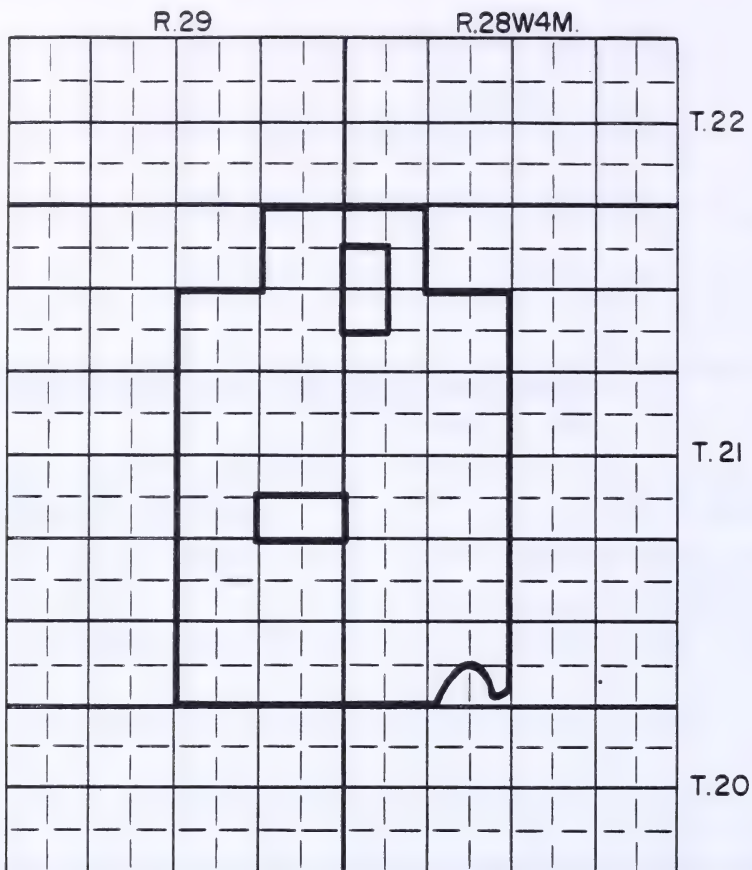
*Unitized Substance - Petroleum, natural gas and related hydrocarbons
(liquid & gaseous) and all other substances that
may be produced

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
B.P. Resources Canada Limited	37.5
Kidd Creek Mines Ltd.	37.5
Shell Canada Resources Limited	25.0
	<u>100.0</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



NORTH OKOTOKS UNIT (PARTICIPATING AREA)

UNIT OPERATOR — KIDD CREEK MINES LTD

INITIAL EFFECTIVE DATE - JULY 16 , 1957

PADDLE RIVER GAS UNIT NO. 1

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 February 1966

Participation Revised - 1 January 1984

*Unitized Zone - Jurassic-Detrital Formation and Pekisko Pool Area

*Unitized Substance - Natural gas and other hydrocarbons (including casinghead gas, crude oil from a well designated as a gas well)

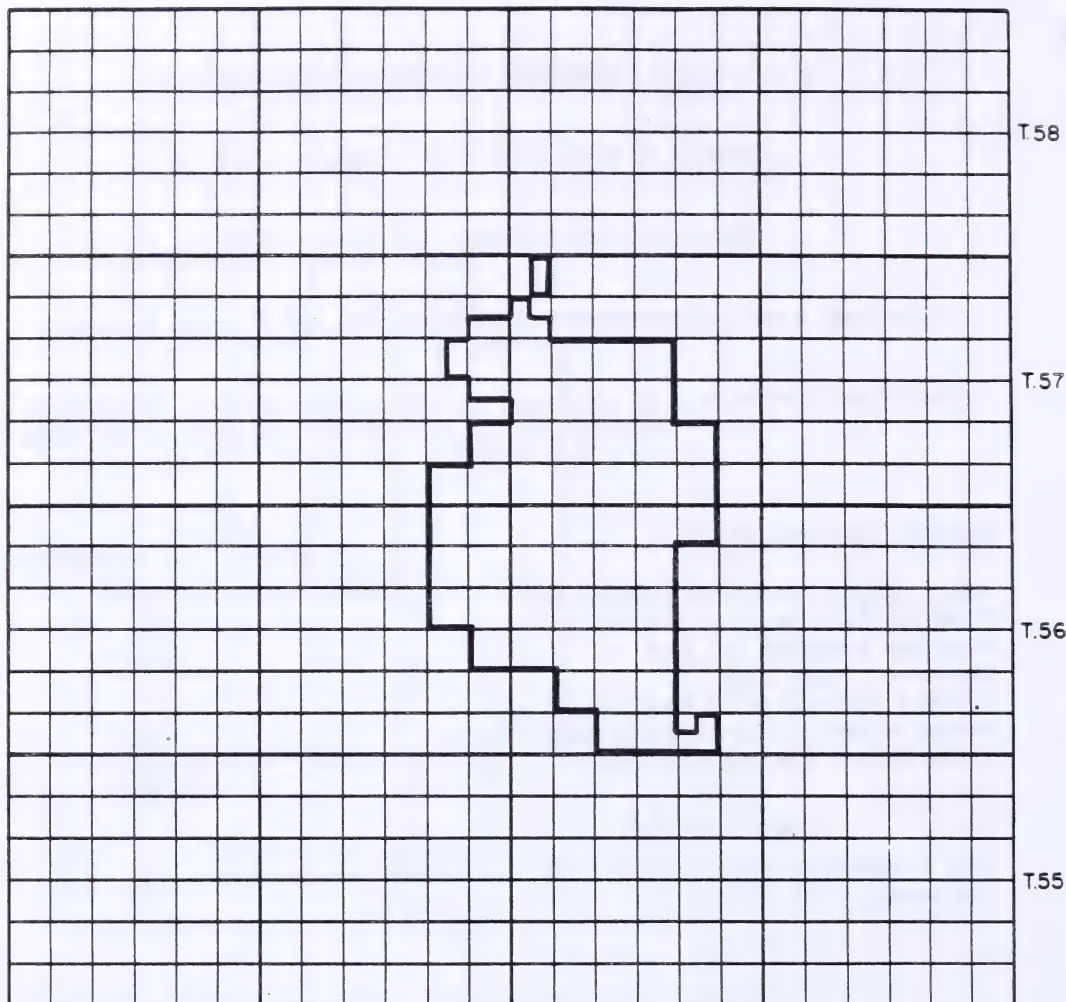
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	22.869
Canadian Occidental Petroleum Ltd.	41.045
Canadian Superior Oil Ltd.	0.449
Canterra Energy Ltd.	9.311
Harvard International Resources Ltd.	9.312
Hudson's Bay Oil and Gas Company Limited	7.508
Petro-Canada Exploration Inc.	9.506
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.7 W5 M

**ERCB**

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1966

PATRICIA GAS UNIT NO. 1

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 January 1968

Participation Revised - 1 September 1982

*Unitized Zone - All Formations down to and including the base of the deepest Formation of the Paleozoic Age

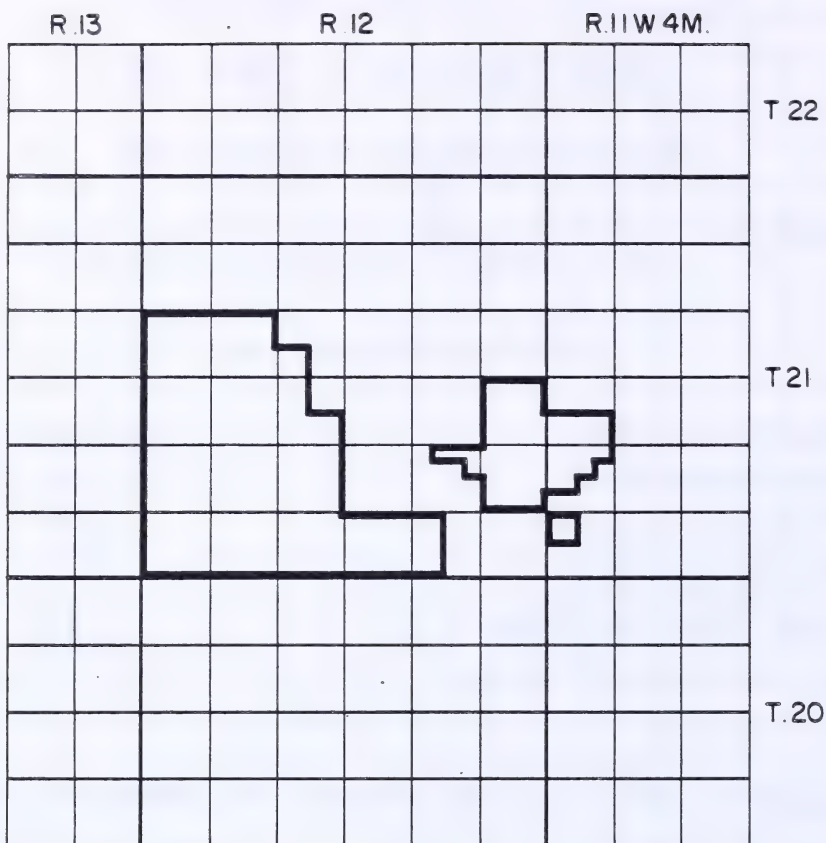
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Alerk Exploration Ltd.	15.00
Chevron Standard Limited	24.82
Dome Petroleum Limited	32.21
Maligne Resources Limited	8.72
Provo Gas Producers Limited	12.25
Shillelagh Exploration Limited	7.00
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PATRICIA GAS UNIT NO.1

INITIAL EFFECTIVE DATE - JANUARY 1, 1968

UNIT OPERATOR - DOME PETROLEUM LIMITED

PEMBINA BEAR LAKE CARDIUM UNIT NO. 1

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 January 1968

Participation Revised - 4 June 1984

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	40.76500
Canadian Occidental Petroleum Ltd.	47.34400
Mobil Oil Canada Ltd.	1.37535
Suncor Inc.	2.72200
Wintershall Oil of Canada Ltd.	7.79365
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

PEMBINA BELLY RIVER "L" UNIT

Unit Operator - Musketeer Energy Ltd.

Initial Effective Date - 1 July 1968

Participation Revised - 1 December 1983

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Musketeer Energy Ltd.	61.50986
Norcen Energy Resources Limited	25.00000
Tricentrol Oils Limited	13.49014
	<u>100.00000</u>

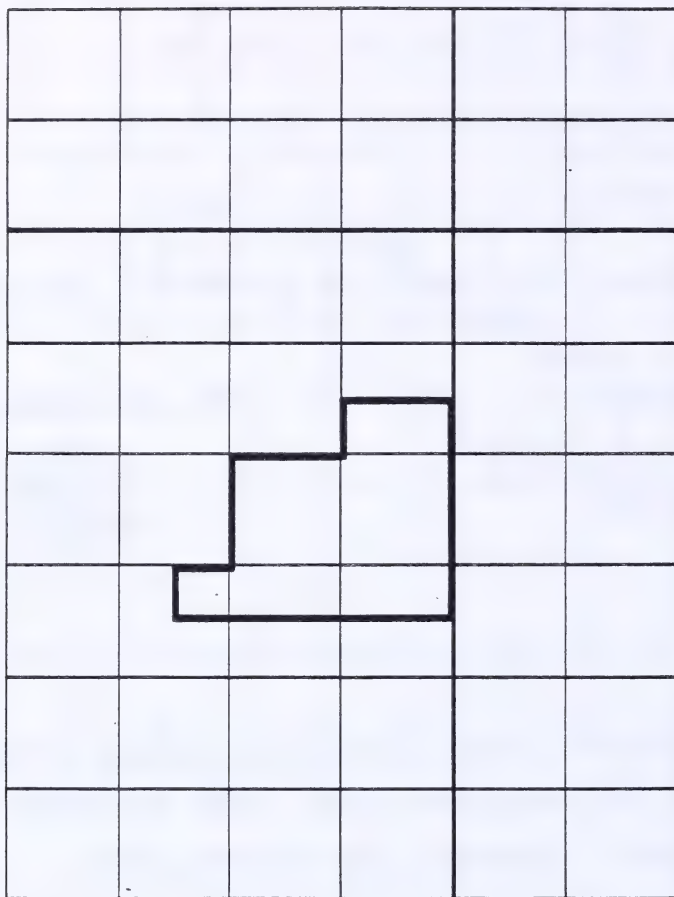
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3

R.2W.5M.



T.49

T.48

PEMBINA BELLY RIVER "L" UNIT

INITIAL EFFECTIVE DATE - JULY 1, 1968

UNIT OPERATOR - MUSKETEER ENERGY LTD.

PEMBINA BELLY RIVER "U" SOUTH UNIT

Unit Operator - Leddy Exploration Limited

Initial Effective Date - 1 January 1975

Participation Revised - 1 April 1979

*Unitized Zone - Belly River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	10.49069
Leddy Exploration Limited	60.00000
Sabre Petroleum Ltd.	29.50931
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3W5M.

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16		14	13
7	8	9		11	12
6	5	4	3	2	1

T.47

PEMBINA BELLY RIVER U SOUTH UNIT



INITIAL EFFECTIVE DATE- 1 JANUARY 1975

UNIT OPERATOR- LEDDY EXPLORATION LIMITED

PEMBINA CARDIUM UNIT NO. 6
(Humber Lobitos East Pembina Cardium Unit No. 1)

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 January 1961

Participation Revised - 1 June 1983

*Unitized Zone - Cardium Pool

*Unitized Substance - Crude oil, natural gas, condensate and all other
hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Norcen Energy Resources Limited	12.5000
Petro-Canada Inc.	<u>87.5000</u>
	100.0000

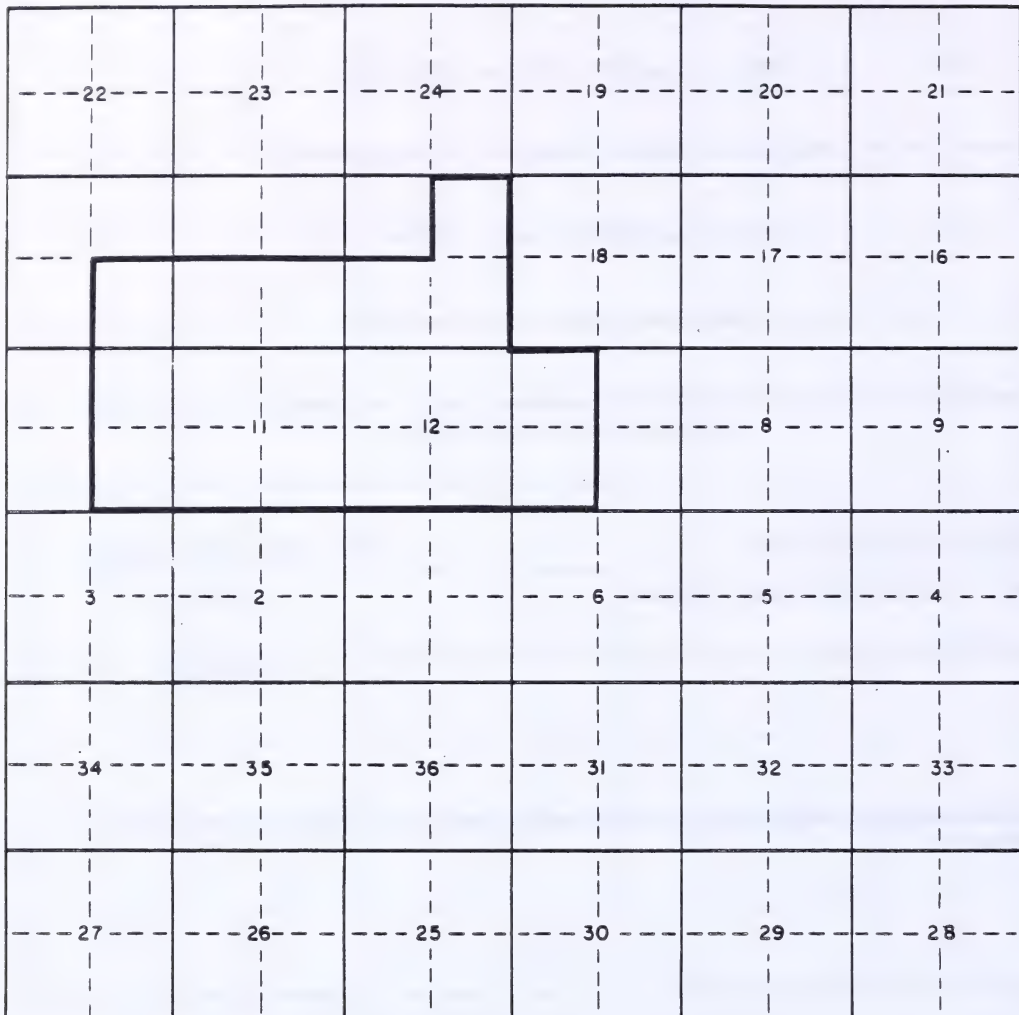
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 7

R 6W5M.



T. 48

T. 47

PEMBINA CARDIUM UNIT NO. 6

(HUMBER LOBITOS EAST PEMBINA CARDIUM UNIT NO.1)



INITIAL EFFECTIVE DATE- 1 JANUARY 1961

UNIT OPERATOR- PETRO-CANADA INC.

PEMBINA CARDIUM UNIT NO. 8

Unit Operator - Mitchell & Associates Ltd.

Initial Effective Date - 1 January 1962

Participation Revised - 1 January 1985

*Unitized Zone - Cardium Formation

*Unitized Substance - Crude oil, natural gas, condensate, and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Denison Mines Limited	9.84127
Home Oil Company Limited	24.32800
Luscar Ltd.	39.53058
Norcen Energy Resources Limited	23.65566
Ranger Oil Limited	1.99990
Vanguard Petroleums Ltd.	0.64459
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PEMBINA CARDIUM UNIT NO. 15

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 October 1969

Participation Revised - 1 April 1973

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

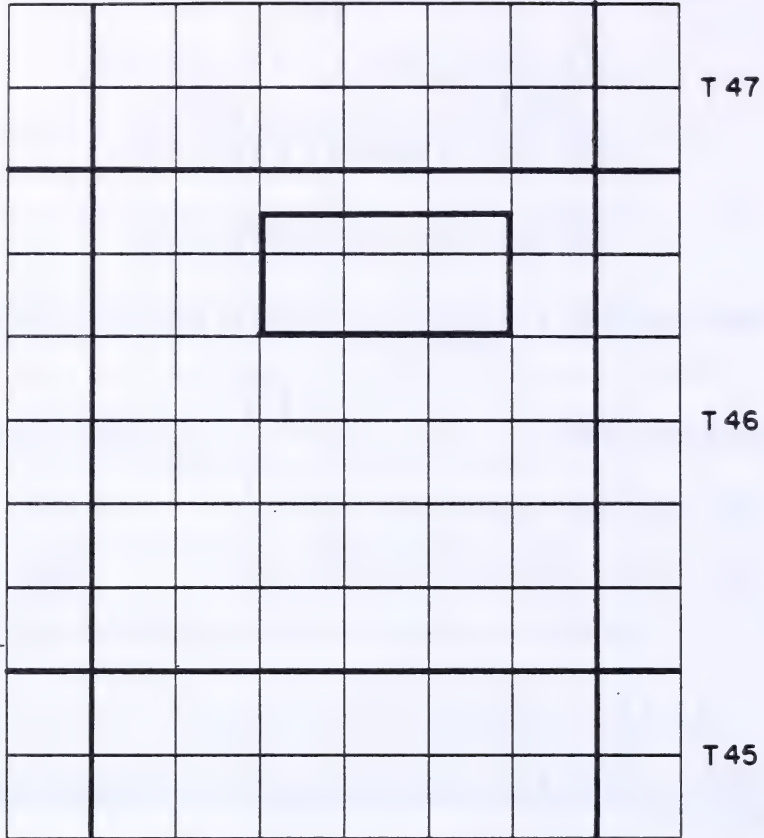
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	67.53
Hudson's Bay Oil and Gas Company Limited	<u>32.47</u>
	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R. 9 W 5 M



PEMBINA CARDIUM UNIT NO. 15

INITIAL EFFECTIVE DATE OCTOBER 1, 1969

UNIT OPERATOR - AMOCO CANADA PETROLEUM COMPANY LTD.

PEMBINA CARDIUM UNIT NO. 136

Unit Operator - ICG Resources Ltd.

Initial Effective Date - 1 November 1967

Participation Revised - 1 November 1983

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	16.958
Hudson's Bay Oil and Gas Company Limited	16.958
ICG Resources Ltd.	66.084
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6W.5M.

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17				
7	8	9	10	11	12
6	5	4	3	2	

T. 48

PEMBINA CARDIUM UNIT 136

ERCB

INITIAL EFFECTIVE DATE- 1 NOVEMBER 1967

UNIT OPERATOR- ICG RESOURCES LTD.

CHAMPLIN-PERUVIAN PEMBINA CARDIUM UNIT

Unit Operator - Champlin Canada Ltd.

Initial Effective Date - 1 October 1968

Participation Revised - 1 January 1983

*Unitized Zone - Cardium Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Champlin Canada Ltd.	63.14751
Denison Mines Limited	<u>36.85249</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents

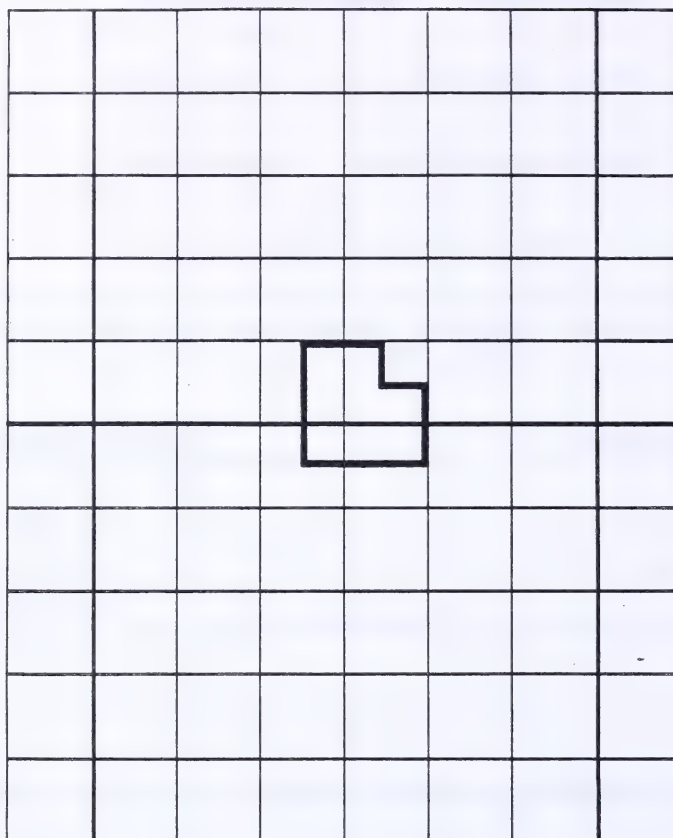
(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.10

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R.8



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T.49

CHAMPLIN - PERUVIAN PEMBINA CARDIUM UNIT

INITIAL EFFECTIVE DATE - OCTOBER 1, 1968

UNIT OPERATOR-CHAMPLIN CANADA LTD.

PEMBINA KEYSTONE BASAL BELLY RIVER GAS UNIT NO. 1

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 November 1965

Participation Revised - 31 May 1984

*Unitized Zone - Basal Belly River

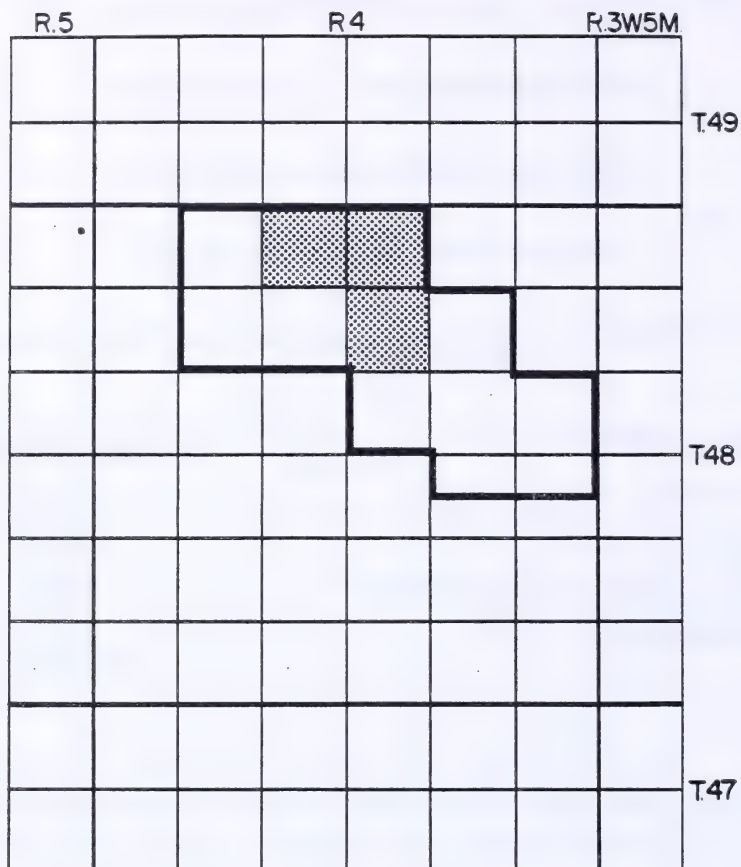
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Occidental Petroleum Ltd.	59.0909
Canadian Reserve Oil and Gas Ltd.	6.8182
Esso Resources Canada Ltd.	18.1818
Hudson's Bay Oil and Gas Company Limited	6.8182
Norcen Energy Resources Limited	6.8182
Petro-Canada Exploration Inc.	2.2727
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PEM KEY BASAL BELLY RIVER GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - NOVEMBER 1, 1965

UNIT OPERATOR - CANADIAN OCCIDENTAL PETROLEUM LTD.

AREA OF CHANGE EFFECTIVE FEBRUARY 1, 1966 -

PEMBINA KEYSTONE CARDIUM UNIT NO. 1

Unit Operator - Musketeer Energy Ltd.

Initial Effective Date - 1 September 1965

Participation Revised - 1 May 1985

*Unitized Zone - Cardium Formation

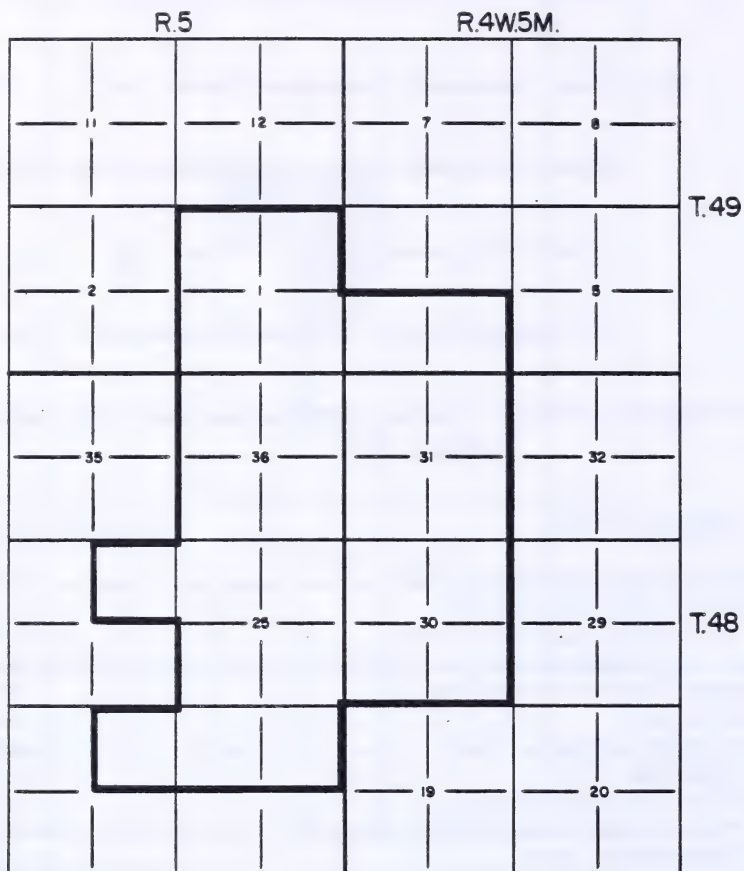
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Occidental Petroleum Ltd.	11.12869
Eso Resources Canada Limited	8.67567
Ft. St. John Petroleums Ltd. (NPL)	0.62250
Musketeer Energy Ltd.	40.54526
Norcen Energy Resources Limited	0.77813
Petro-Canada Inc.	5.38457
Tricentrol Oils Limited	11.63562
Unicorp Resources Ltd.	2.69229
Universal Explorations (83) Ltd.	2.09756
Western Decalta Petroleum (1977) Limited	16.02020
Wrangler Management Ltd.	0.41951
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PEMBINA KEYSTONE CARDIUM UNIT NO.1

UNIT OPERATOR - MUSKETEER ENERGY LTD.

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1965

PEMBINA KEYSTONE ELLERSLIE "A" UNIT NO. 2

Unit Operator - Canadian Occidental Petroleum Ltd.

Initial Effective Date - 1 January 1985

*Unitized Zone - Ellerslie Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Occidental Petroleum Ltd.	100.00

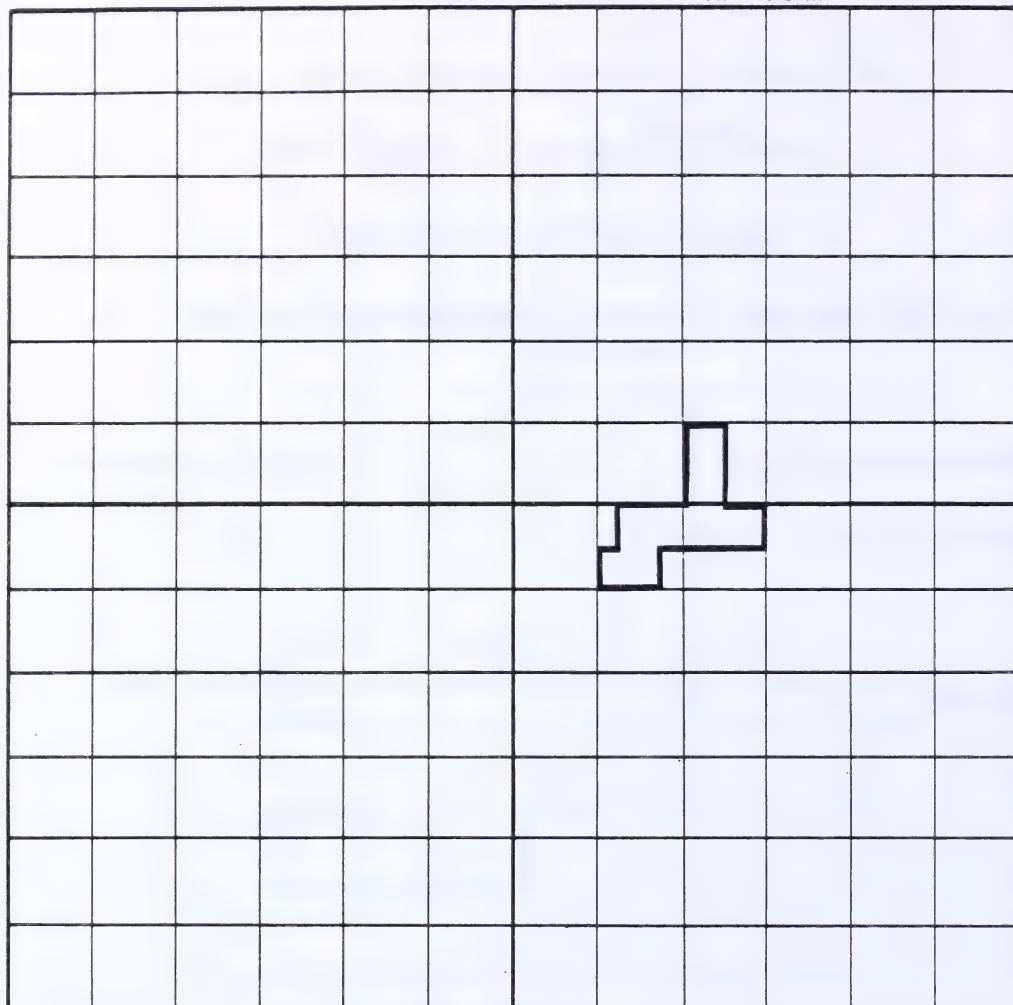
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5

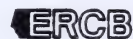
R.4 W.5M.



T.49

T.48

PEMBINA KEYSTONE ELLERSLIE "A" UNIT NO. 2



INITIAL EFFECTIVE DATE - 1 JANUARY 1985

UNIT OPERATOR- CANADIAN OCCIDENTAL PETROLEUM LTD.

PEMBINA OSTRACOD "E" UNIT

Unit Operator - Columbia Gas Development of Canada Ltd.

Initial Effective Date - 1 April 1985

*Unitized Zone - Ostracod E Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>	
	<u>Interim</u>	<u>Final</u>
Andex Oil Company Limited	4.82814	3.32759
CanPar Holdings Ltd.	7.47006	9.16050
Columbia Gas Development of Canada Ltd.	22.41651	21.40713
Dome Petroleum Limited	25.73274	31.81828
Musketeer Energy Ltd.	4.68214	5.89782
PanCanadian Petroleum Limited	33.57958	27.10782
Simmons Management Limited	1.29083	1.28086
	<u>100.00000</u>	<u>100.00000</u>

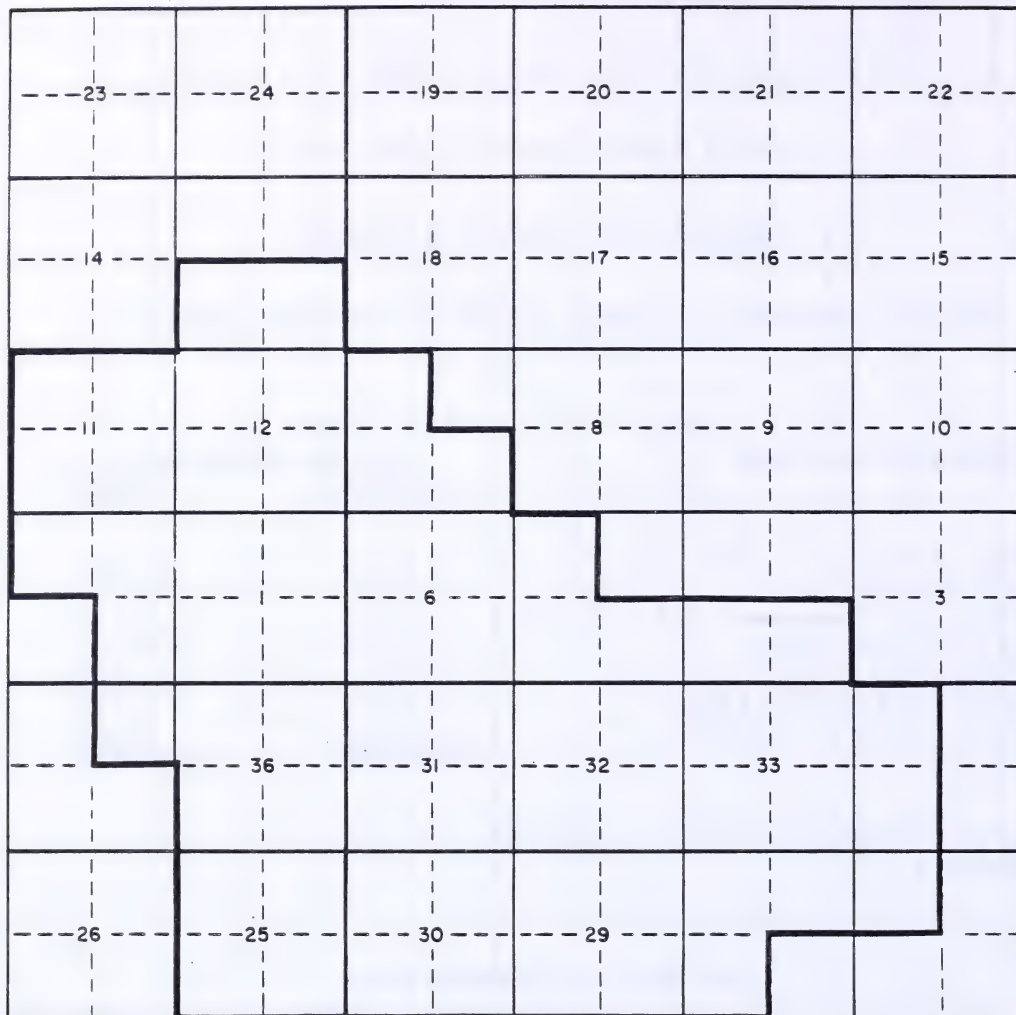
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.4

R.3W5M



T.50

T.49

PEMBINA OSTRACOD E UNIT



INITIAL EFFECTIVE DATE - 1 APRIL 1985

UNIT OPERATOR- COLUMBIA GAS DEVELOPMENT OF CANADA LTD.

PEMBINA ROSE CREEK UNIT

Unit Operator - Suncor Inc.

Initial Effective Date - 1 February 1967

Participation Revised - 1 September 1979

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Suncor Inc.

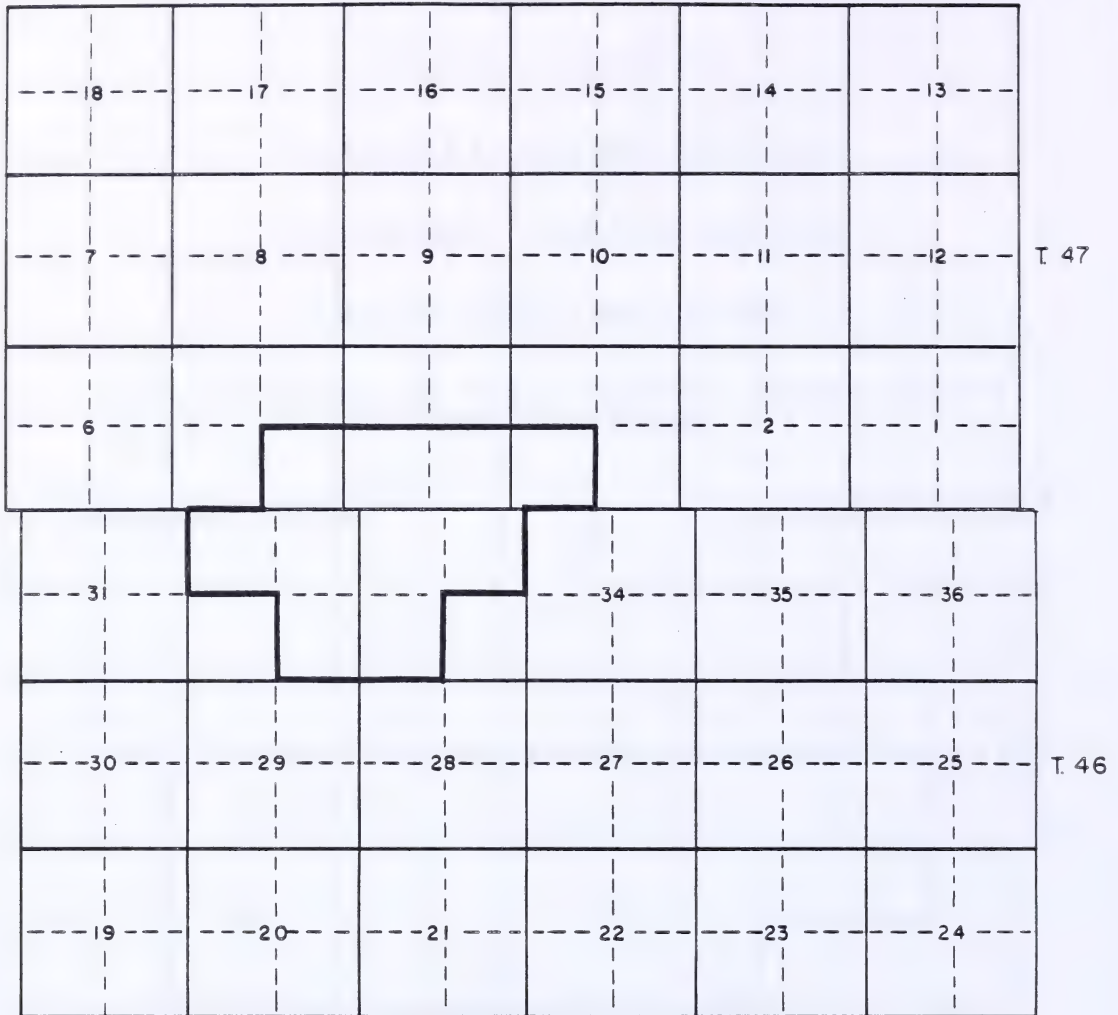
100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 8 W 5 M.



PEMBINA ROSE CREEK UNIT



INITIAL EFFECTIVE DATE-1 FEBRUARY 1967

UNIT OPERATOR- SUNCOR INC.

SOUTH PEMBINA CARDIUM UNIT

Unit Operator - Amoco Canada Petroleum Company Ltd.

Initial Effective Date - 1 December 1964

Participation Revised - 1 June 1982

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberford Resources Ltd.	12.35000
Amoco Canada Petroleum Company Ltd.	41.76667
Benedum-Trees Oil Company	4.11666
Hudson's Bay Oil and Gas Company Limited	41.76667
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

D.P.D.H. SOUTH PEMBINA CARDIUM UNIT NO. 3

Unit Operator - Western Decalta Petroleum (1977) Limited

Initial Effective Date - 1 January 1960

Participation Revised - 1 December 1984

*Unitized Zone - Cardium Formation

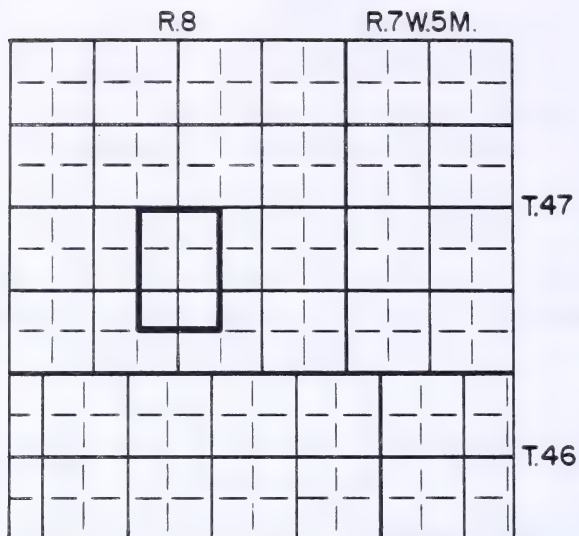
*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (other than coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Resources Canada Limited	52.27
Canadian Superior Oil Ltd.	1.88
Home Oil Company Limited	10.36
Norcen Energy Resources Limited	11.83
Ultramar Oil and Gas Canada Limited	2.13
Western Decalta Petroleum (1977) Limited	21.53
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PEMBINA CARDIUM UNIT NO. 3
(D.P.D.H. SOUTH PEMBINA CARDIUM UNIT)

UNIT OPERATOR—WESTERN DECATTA PETROLEUM (1977) LIMITED

INITIAL EFFECTIVE DATE - JANUARY 1, 1960

PEMBINA WEST CARDIUM UNIT NO. 25

Unit Operator - American Eagle Petroleum Ltd.

Initial Effective Date - 21 May 1976

Participation Revised - 1 June 1983

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
American Eagle Petroleum Ltd.	19.5000
Atcor Resources Limited	4.5000
Beaver Oil & Gas Ltd.	3.0000
Conventures Limited	48.0000
Oakwood Petroleum Ltd.	25.0000
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

PINCHER CREEK MADISON LIMESTONE UNIT

Unit Operator - Gulf Oil Canada Limited

Initial Effective Date - 1 December 1956

*Unitized Zone - Madison Limestone Formation

*Unitized Substance - Petroleum, natural gas, distillate, condensate and related hydrocarbons

Working Interest Owners

Per Cent Participation

Gulf Oil Canada Limited

100.0

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

PLAIN GLAUCONITIC SANDSTONE GAS UNIT

Unit Operator - Voyager Energy Inc.

Initial Effective Date - 2 November 1970

Participation Revised - 1 May 1985

*Unitized Zone - Glauconitic Sandstone Member and Blairmore Formation

*Unitized Substance - Natural gas and other hydrocarbons

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Nu-West Group Limited	40.24419
Voyager Petroleum Ltd.	<u>59.75581</u>
	100.00000

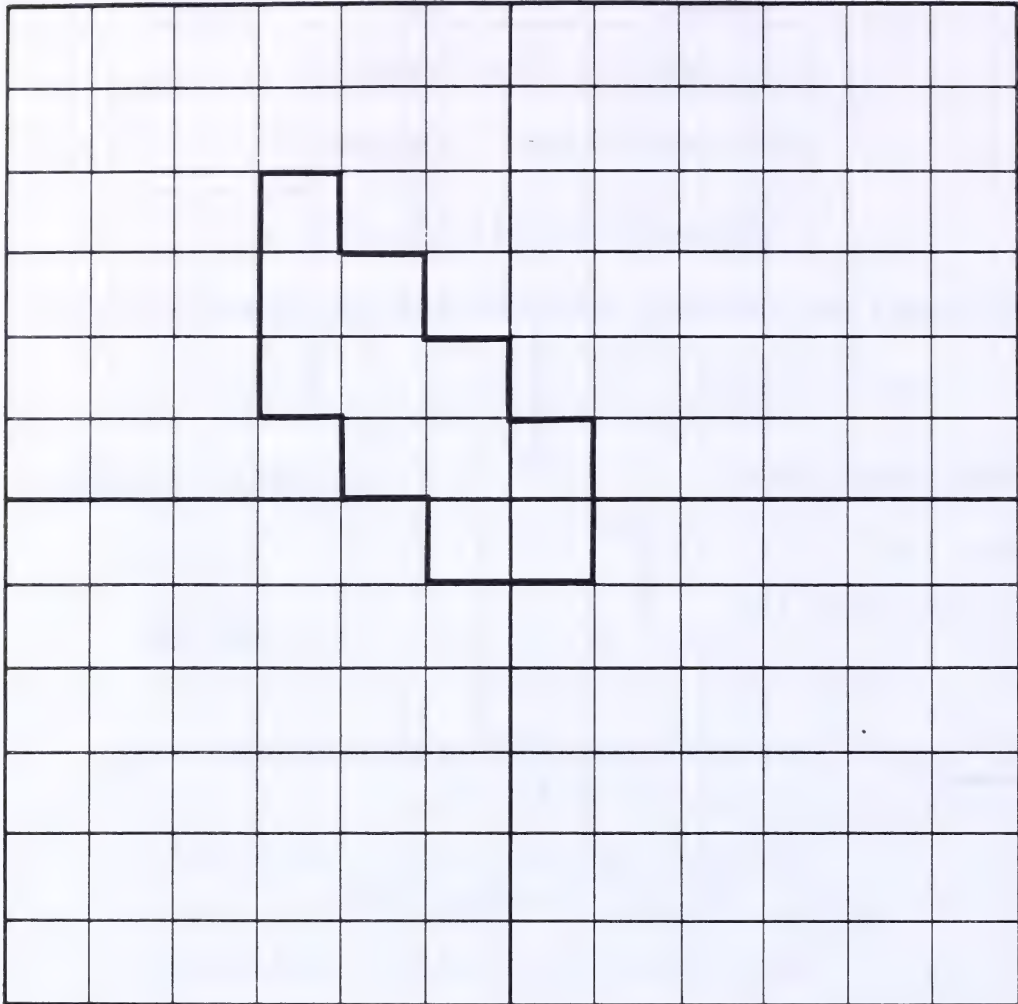
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.13

R.12W.4M.



T. 52

T. 51

PLAIN GLAUCONITIC SANDSTONE GAS UNIT



INITIAL EFFECTIVE DATE - 2 NOVEMBER 1970

UNIT OPERATOR- VOYAGER ENERGY INC.

POUCE COUPE SOUTH BOUNDARY A UNIT

Unit Operator - Inverness Petroleum Ltd.

Initial Effective Date - 1 February 1978

Participation Revised - 1 October 1984

*Unitized Zone - Boundary A Zone

*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bluesky Oil & Gas Ltd.	5.375
J. W. Brakebill	0.249
Lloyd N. Cutler	0.125
Dome Petroleum Limited	19.650
Albert Dworkin	0.625
Inverness Petroleum Ltd.	71.233
Raymond H. Kellam	0.375
Helen V. MacBeth Revocable Trust	0.997
Paul O. Risher	0.125
Joseph I. Simon	0.997
Stephen A. Smith	0.249
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

A 6x6 grid with numbers 1 to 36. The numbers are arranged in a boustrophedon pattern, starting from the top-right (36) and ending at the bottom-left (1). A path of 10 squares is highlighted with a thick black border. The path starts at square 32, moves down to 31, then right to 28, then down to 25, then right to 24, then down to 23, then right to 22, then down to 19, then right to 18, and finally down to 17.

POUCE COUPE SOUTH BOUNDARY 'A' UNIT



UNIT OPERATOR- INVERNESS PETROLEUM LTD.

POUCE COUPE SOUTH BOUNDARY "B" POOL UNIT NO. 1

Unit Operator - Drummond Oil & Gas Ltd.

Initial Effective Date - 1 September 1984

*Unitized Zone - Boundary Lake "B" Pool

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

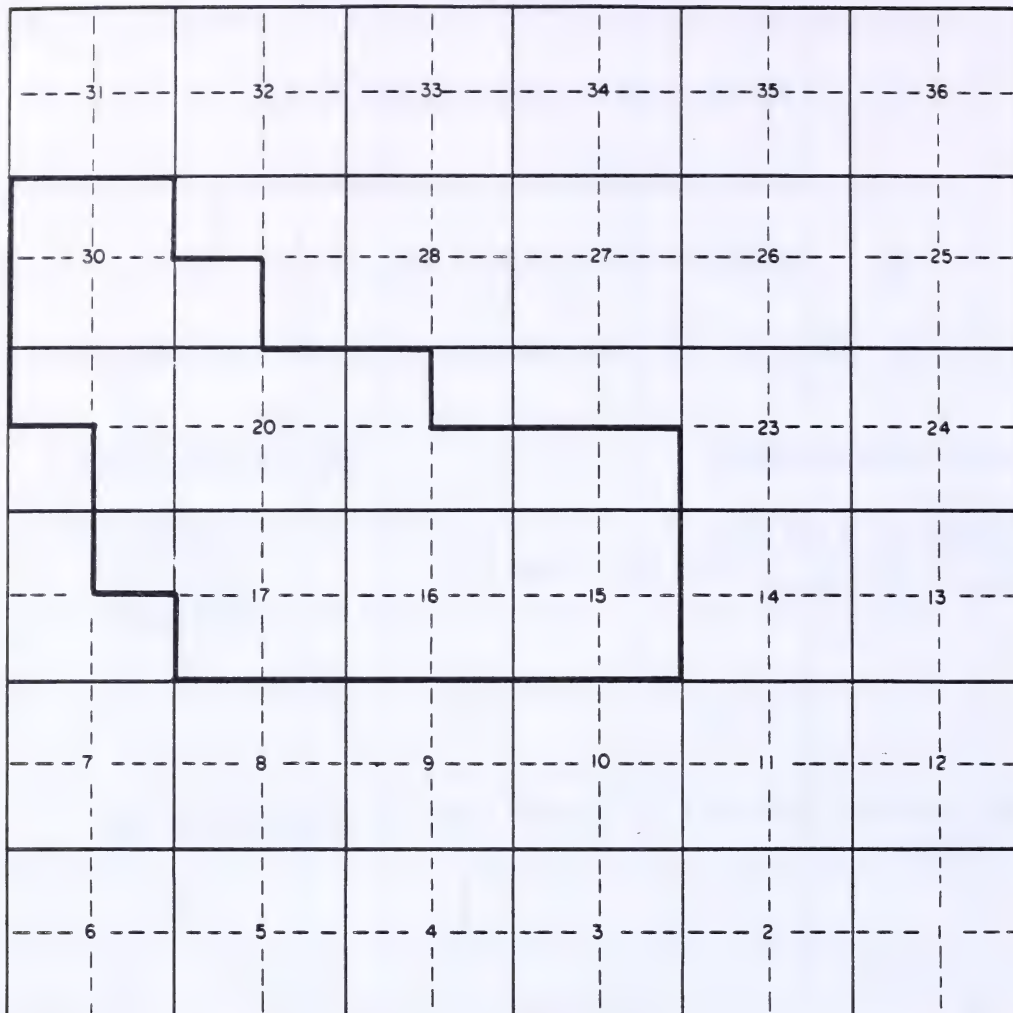
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	41.5860568
Drummond Oil & Gas Ltd.	50.0000000
Hamilton Brothers Canadian Gas Company Ltd.	1.1989184
219088 Oil & Gas Ltd.	7.2150248
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.12 W.6M.



T.78

POUCE COUPE SOUTH BOUNDARY B POOL UNIT NO. 1



INITIAL EFFECTIVE DATE- 1 SEPTEMBER 1984

UNIT OPERATOR- DRUMMOND OIL AND GAS LTD

PROVOST VIKING "A" UNIT

Unit Operator - Barnwell of Canada, Limited

Initial Effective Date - 1 March 1969

Participation Revised - 1 August 1983

*Unitized Zone - Viking "A" Formation

*Unitized Substance - Crude oil, solution gas and other associated hydrocarbons (except natural gas and coal)

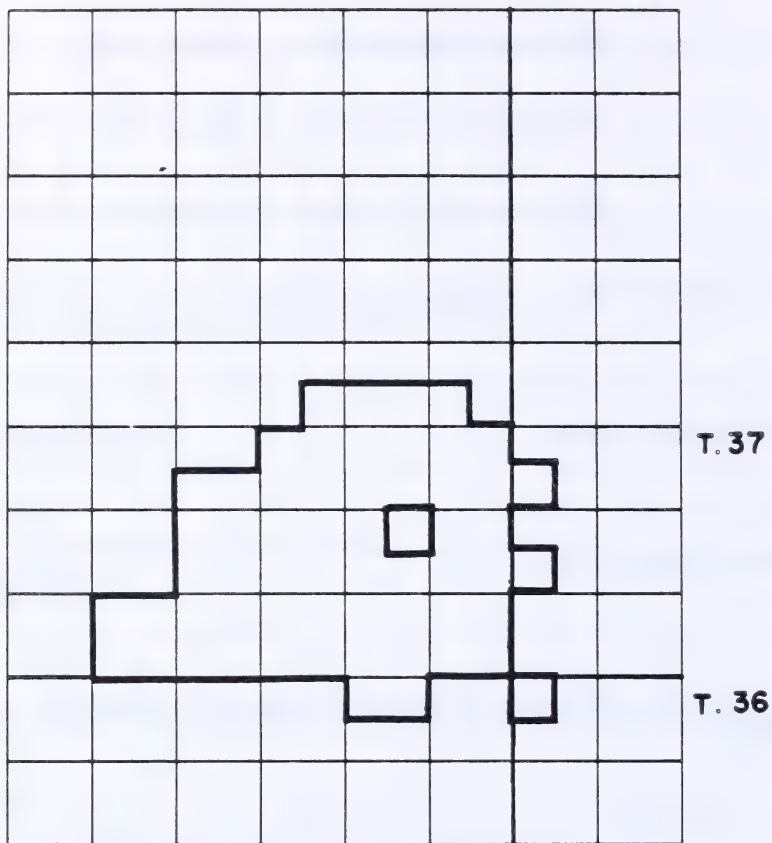
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Barnwell of Canada, Limited	96.98060
Murphy Oil Company Ltd.	<u>3.01940</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6 W.4 M.



INITIAL EFFECTIVE DATE - MARCH 1 / 1969

UNIT OPERATOR - BARNWELL OF CANADA LTD

PROVOST VIKING C&A POOL UNIT NO. 1

Unit Operator - Gulf Canada Resources Inc.

Initial Effective Date - 1 January 1979

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gulf Canada Resources Inc.	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.12W4M

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	
7	8	9	10		12
6	5	4	3	2	1

T.36

PROVOST VIKING CAK POOL UNIT NO.1

ERCB

INITIAL EFFECTIVE DATE-1 JANUARY 1979

UNIT OPERATOR- GULF CANADA RESOURCES INC.

PROVOST VIKING GAS UNIT NO. 2

Unit Operator - Cavalier Energy Limited

Initial Effective Date - 1 June 1961

Participation Revised - 1 May 1979

*Unitized Zone - Viking Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Cavalier Energy Limited	80.00
Irving Industries Ltd.	<u>20.00</u>
	100.00

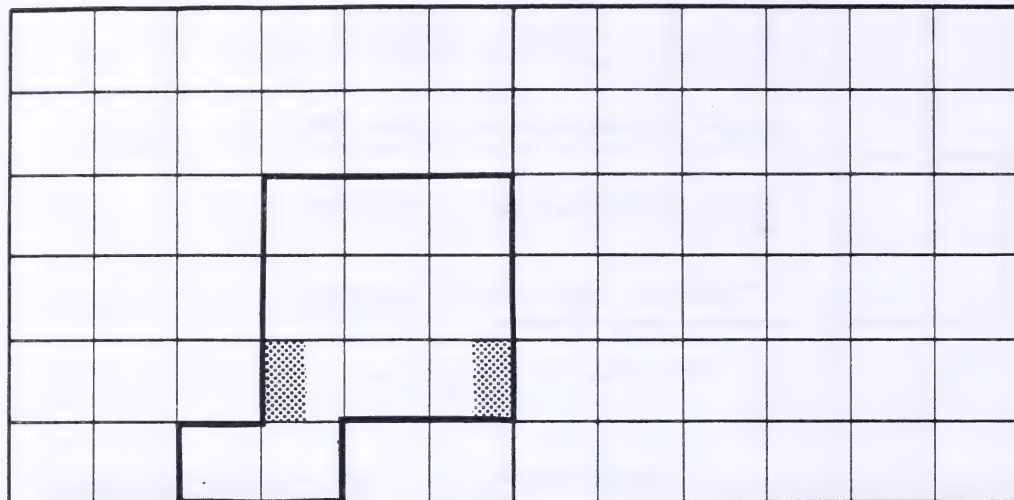
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.7

R.6 W.4M.



PROVOST VIKING GAS UNIT NO.2

ERCB

INITIAL EFFECTIVE DATE - 1 JUNE 1961

UNIT OPERATOR - CAVALIER ENERGY LIMITED

AREA OF CHANGE EFFECTIVE - 1 DECEMBER 1962



PROVOST VIKING THRONE UNIT

Unit Operator - Westburne Petroleum & Minerals Ltd.

Initial Effective Date - 1 June 1972

Participation Revised - 22 February 1983

*Unitized Zone - Viking Formation

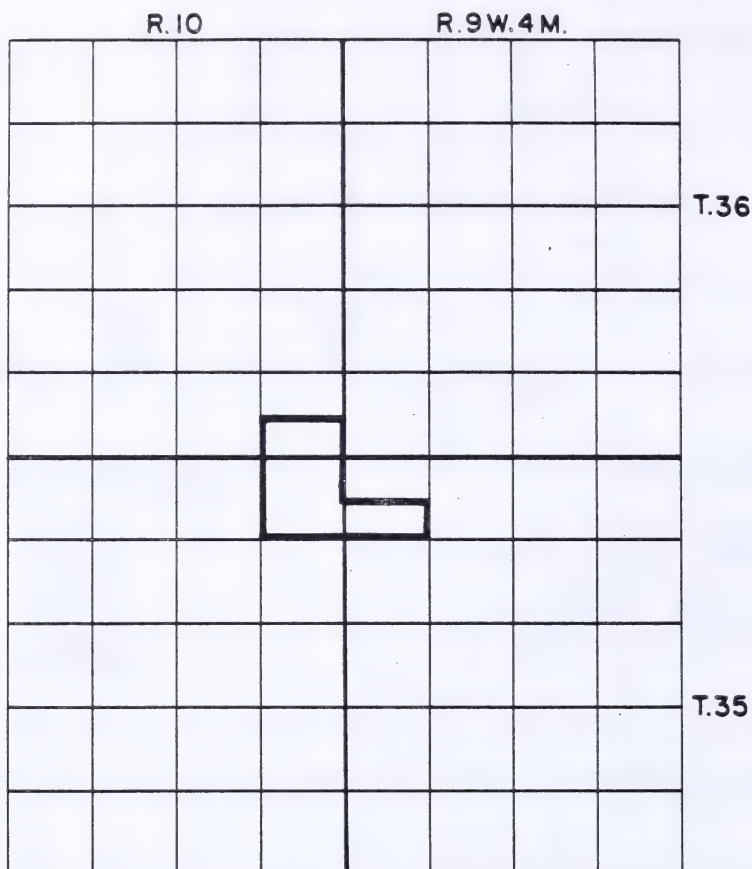
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Home Oil Company Limited	36.9637
Ranchmen's Resources (1976) Ltd.	15.0000
Trans-Canada Resources Ltd.	21.5458
Westburne Drilling (Canada) Ltd.	15.1274
Westburne Petroleum & Minerals Ltd.	11.3631
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



PROVOST VIKING THRONE UNIT

INITIAL EFFECTIVE DATE — JUNE 1, 1972

UNIT OPERATOR — WESTBURNE PETROLEUM AND MINERALS LTD.

OMEGA PROVOST NORTH VIKING OIL UNIT

Unit Operator - Omega Hydrocarbons Ltd.

Initial Effective Date - 1 October 1984

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Alberta Gas Products System Ltd.	31.7000
Omega Hydrocarbons Ltd.	59.5324
Omega Oil & Gas Ltd.	4.8864
PanCanadian Petroleum Limited	3.8812
	<u>100.0000</u>

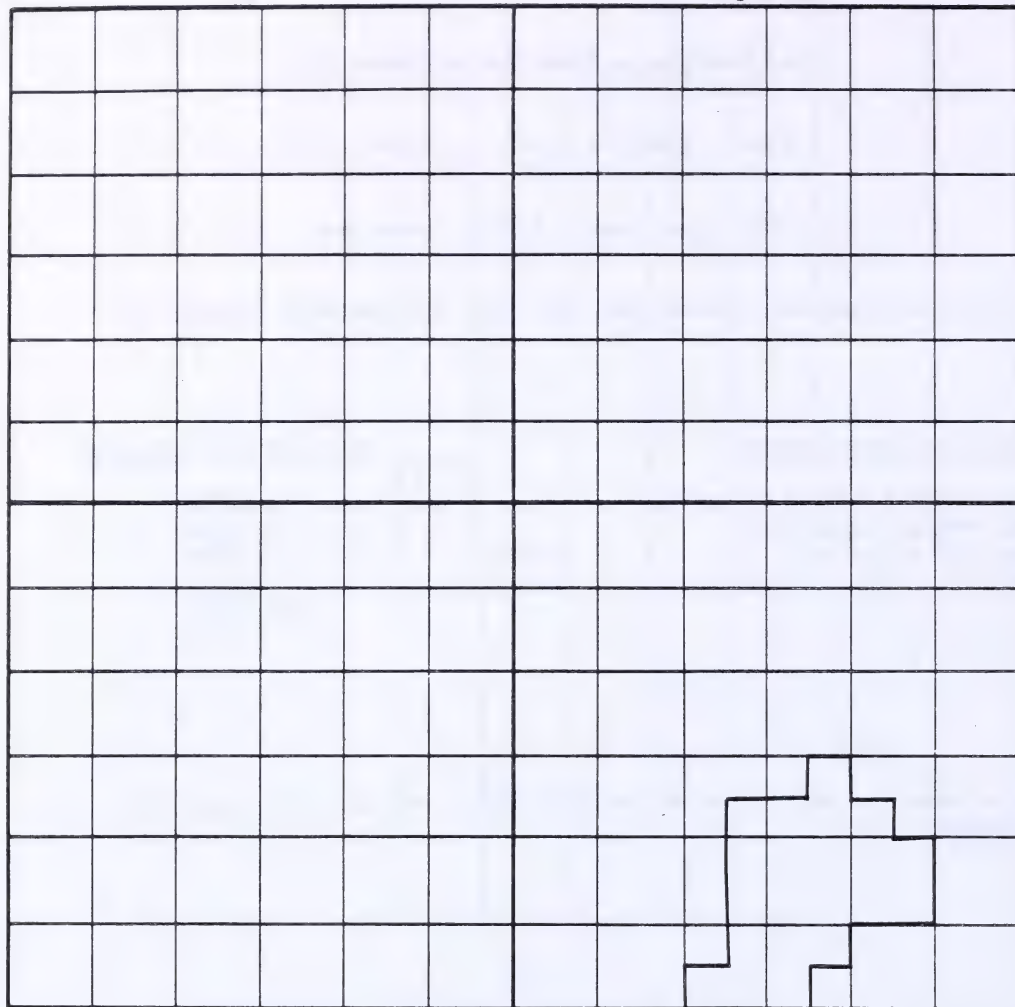
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R 9

R. 8 W. 4M.



OMEGA PROVOST NORTH VIKING OIL UNIT

ERCB

INITIAL EFFECTIVE DATE - 1 OCTOBER 1984

UNIT OPERATOR - OMEGA HYDROCARBONS LTD.

OMEGA PROVOST SOUTH VIKING OIL UNIT

Unit Operator - Omega Hydrocarbons Ltd.

Initial Effective Date - 1 October 1984

*Unitized Zone - Viking Formation

*Unitized Substance - Petroleum and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Alberta Gas Producers System Ltd.	20.2348
New North Oil & Gas Ltd.	5.0422
Omega Hydrocarbons Ltd.	30.0259
Omega Oil & Gas Ltd.	44.6971
	<u>100.0000</u>

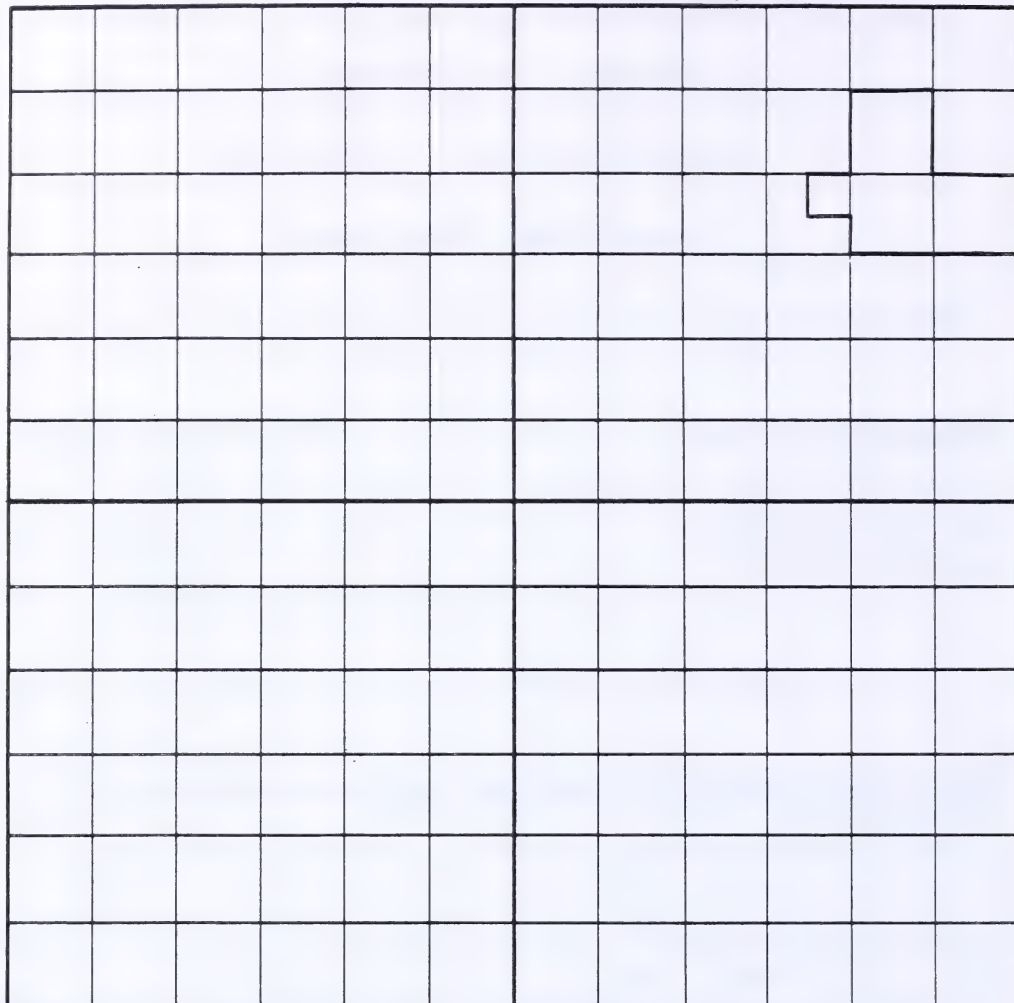
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9

R.8 W.4M.



OMEGA PROVOST SOUTH VIKING OIL UNIT

ERCB

INITIAL EFFECTIVE DATE - 1 OCTOBER 1984

UNIT OPERATOR - OMEGA HYDROCARBONS LTD.

RAINBOW KEG RIVER I UNIT

Unit Operator - Esso Resources Canada Limited

Initial Effective Date - 1 January 1971

Participation Revised - 1 February 1982

*Unitized Zone - Keg River Formation comprising Rainbow Keg River I Pool

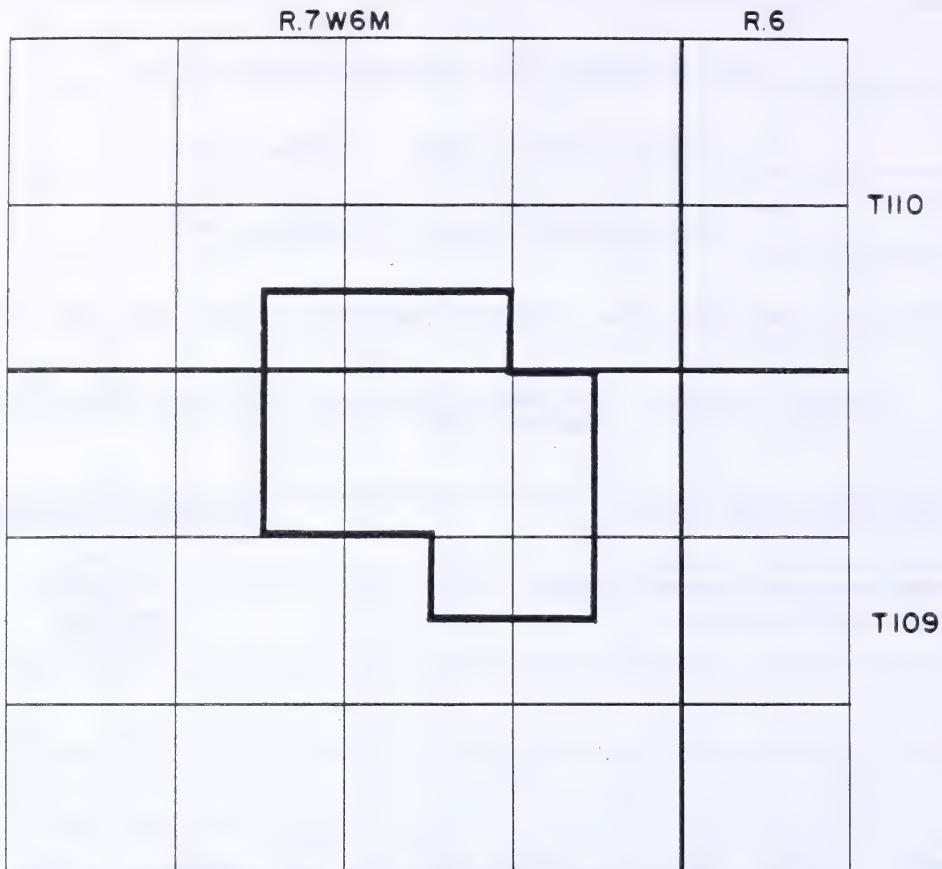
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canterra Energy Limited	30.0000
Esso Resources Canada Limited	40.0000
Mobil Oil Canada Ltd.	30.0000
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



RAINBOW KEG RIVER I UNIT

INITIAL EFFECTIVE DATE - JANUARY 1, 1971

UNIT OPERATOR - ESSO RESOURCES CANADA LIMITED

RAINBOW KEG RIVER AA UNIT

Unit Operator - Mobil Oil Canada Ltd.

Initial Effective Date - 1 August 1972

*Unitized Zone - Keg River AA Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

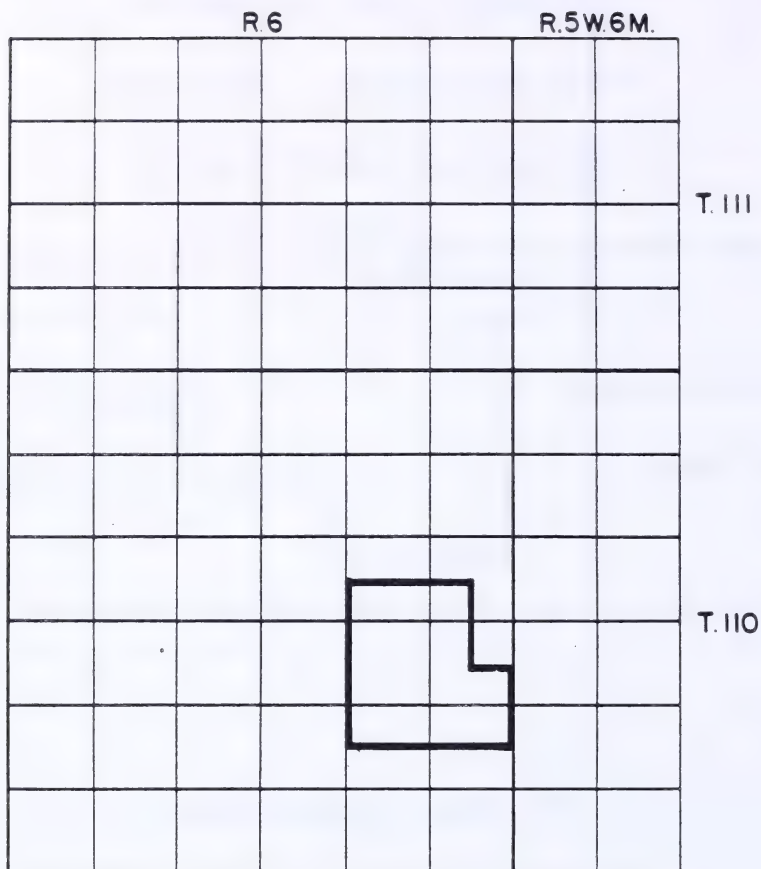
Mobil Oil Canada, Ltd.

100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



RAINBOW KEG RIVER AA UNIT
INITIAL EFFECTIVE DATE — AUGUST 1, 1972

UNIT OPERATOR — MOBIL OIL CANADA, LTD.

RAVEN OSTRACOD GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 June 1978

Participation Revised - 1 September 1983

*Unitized Zone - Ostracod Formation

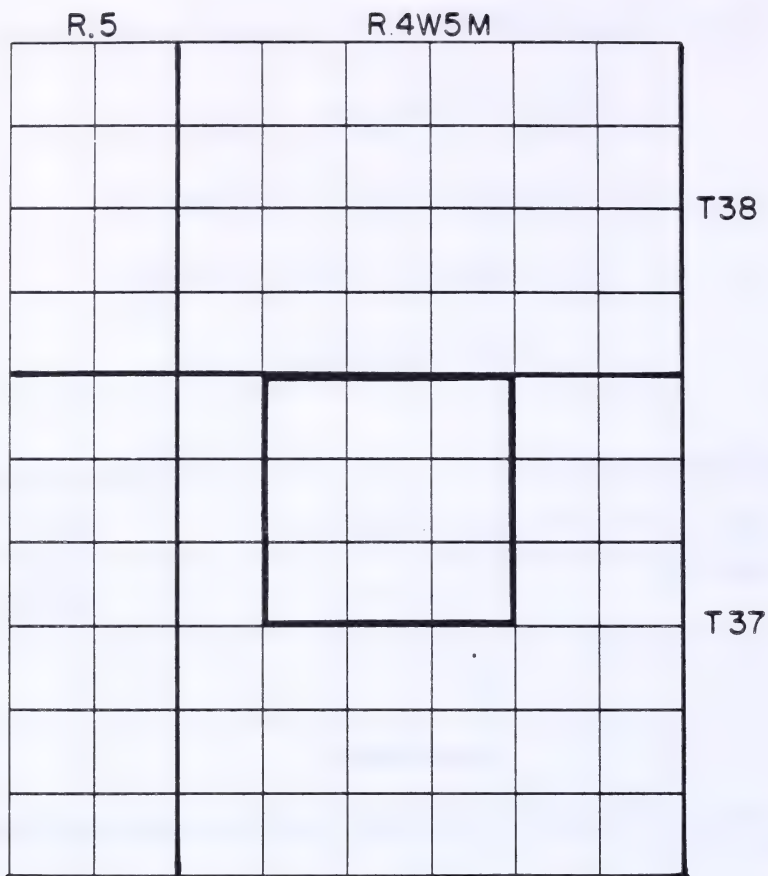
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hudson's Bay Oil and Gas Company Limited	40.41
Norcen Energy Resources Limited	12.34
Petro-Canada Inc.	47.25
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



RAVEN OSTRACOD GAS UNIT NO. 1

UNIT OPERATOR - HUDSON' BAY OIL AND GAS COMPANY LIMITED

INITIAL EFFECTIVE DATE — JUNE 1, 1978

RED COULEE MOULTON "B" POOL UNIT

Unit Operator - Western Decalta Petroleum Limited

Initial Effective Date - 1 June 1967

*Unitized Zone - Moulton Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Camac Explorations Ltd.	3.8431
D. & J. Developments Ltd.	3.8431
M. P. Gilbert	7.6863
Tamarack Petroleums Ltd.	11.5293
Union Oil Company of Canada Limited	21.7627
Western Decalta Petroleum Limited	51.3355
	<u>100.0000</u>

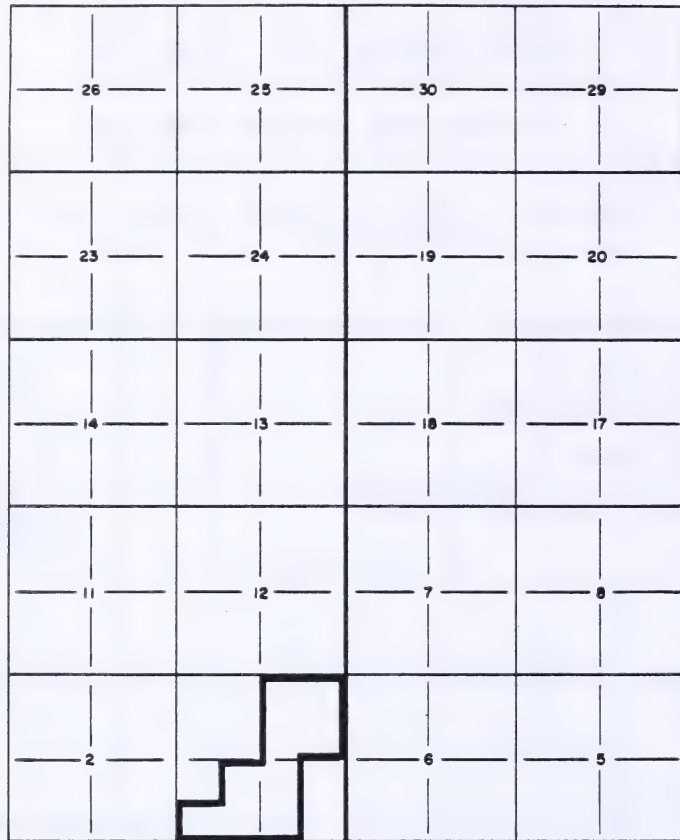
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.17

R.16W4M.



T.1

CANADA - UNITED STATES BORDER

RED COULEE MOULTON 'B' POOL UNIT

INITIAL EFFECTIVE DATE - JUNE 1, 1967

UNIT OPERATOR - WESTERN DECALTA PETROLEUM LTD.

RED EARTH SLAVE POINT "A" POOL UNIT NO. 1

Unit Operator - Numac Oil & Gas Ltd.

Initial Effective Date - 1 September 1981

*Unitized Zone - Slave Point Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Numac Oil & Gas Ltd.	78.73416
Uno-Tex Petroleum Corporation	<u>21.26584</u>
	100.00000

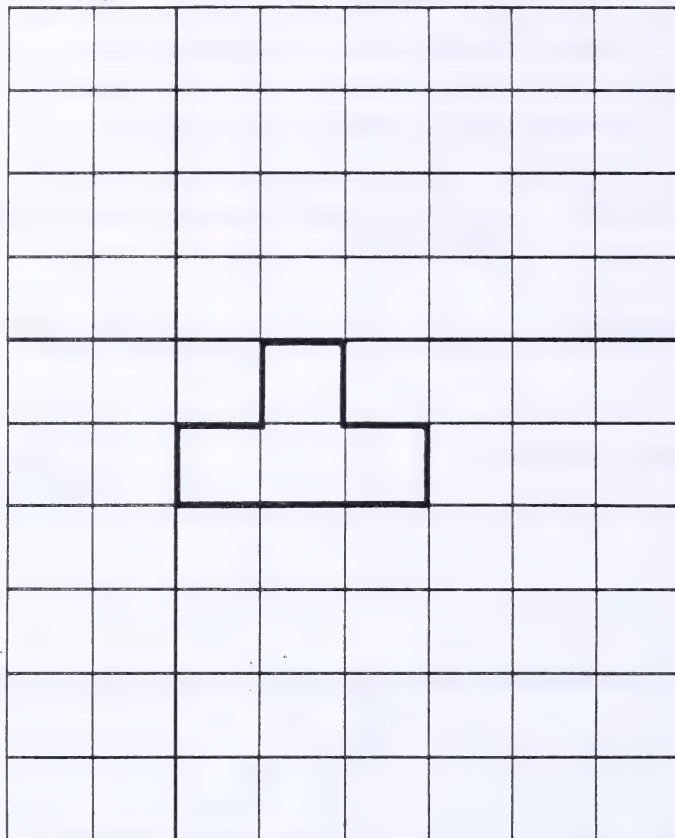
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.9

R.8W.5M.



T.88

T.87

RED EARTH SLAVE POINT A POOL UNIT NO. 1

UNIT OPERATOR - NUMAC OIL AND GAS LTD.

INITIAL EFFECTIVE DATE-SEPTEMBER 1, 1981

REDWATER VIKING "B" OIL UNIT NO. 1

Unit Operator - NSM Resources Ltd.

Initial Effective Date - 1 December 1978

Participation Revised - 30 March 1984

*Unitized Zone - Viking B Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bonanza Oil & Gas Ltd.	21.0108
Canadian Occidental Petroleum Ltd.	3.0620
NSM Resources Ltd.	42.4508
Rupertsland Resources Co. Ltd.	33.4764
	<u>100.0000</u>

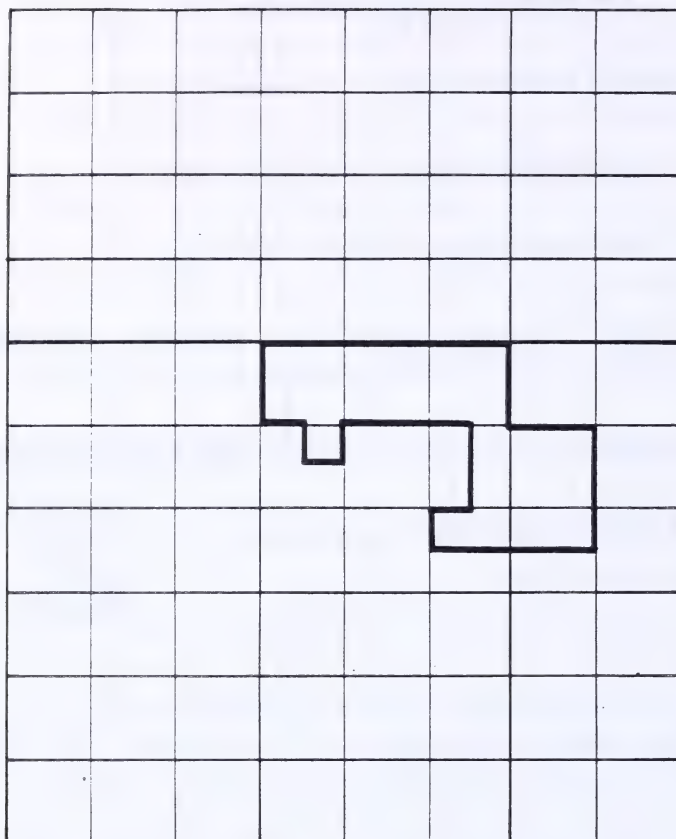
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.20

R.19 W4M



T. 56

T.55

REDWATER VIKING B OIL UNIT NO. 1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1978

UNIT OPERATOR ——— NSM RESOURCES LTD.

RETLAW UNIT NO. 1

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 October 1964

Participation Revised - 10 October 1984

*Unitized Zone - Bow Island, Basal Colorado, and Lower Blairmore Formations

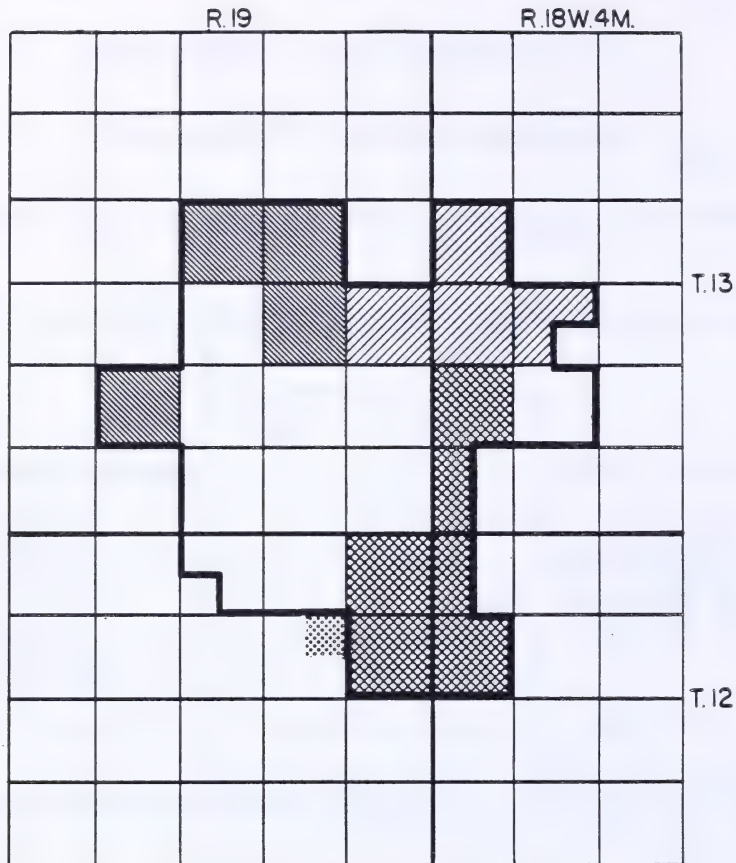
*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Superior Oil Ltd.	14.869116
CDC Oil & Gas Limited	14.869116
Home Oil Company Limited	29.738232
Petro Canada Exploration Inc.	18.448805
Petro-Canada Ventures	5.600893
Suncor Inc.	16.473838
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



RETLAW UNIT NO. 1

INITIAL EFFECTIVE DATE — OCTOBER 1, 1964

UNIT OPERATOR - HOME OIL COMPANY LIMITED

AREA OF CHANGE EFFECTIVE — JANUARY 1, 1978 —

LEGEND

LOWER BLAIRMORE UNITIZED	
BASAL COLORADO UNITIZED	
BOW ISLAND UNITIZED	
LOWER BLAIRMORE & BOW ISLAND UNITIZED	
BASAL COLORADO & LOWER BLAIRMORE UNITIZED	

RETLAW UPPER MANNVILLE "V" POOL UNIT

Unit Operator - Westgrowth Petroleums Ltd.

Initial Effective Date - 1 October 1983

*Unitized Zone - Retlaw Upper Mannville V Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

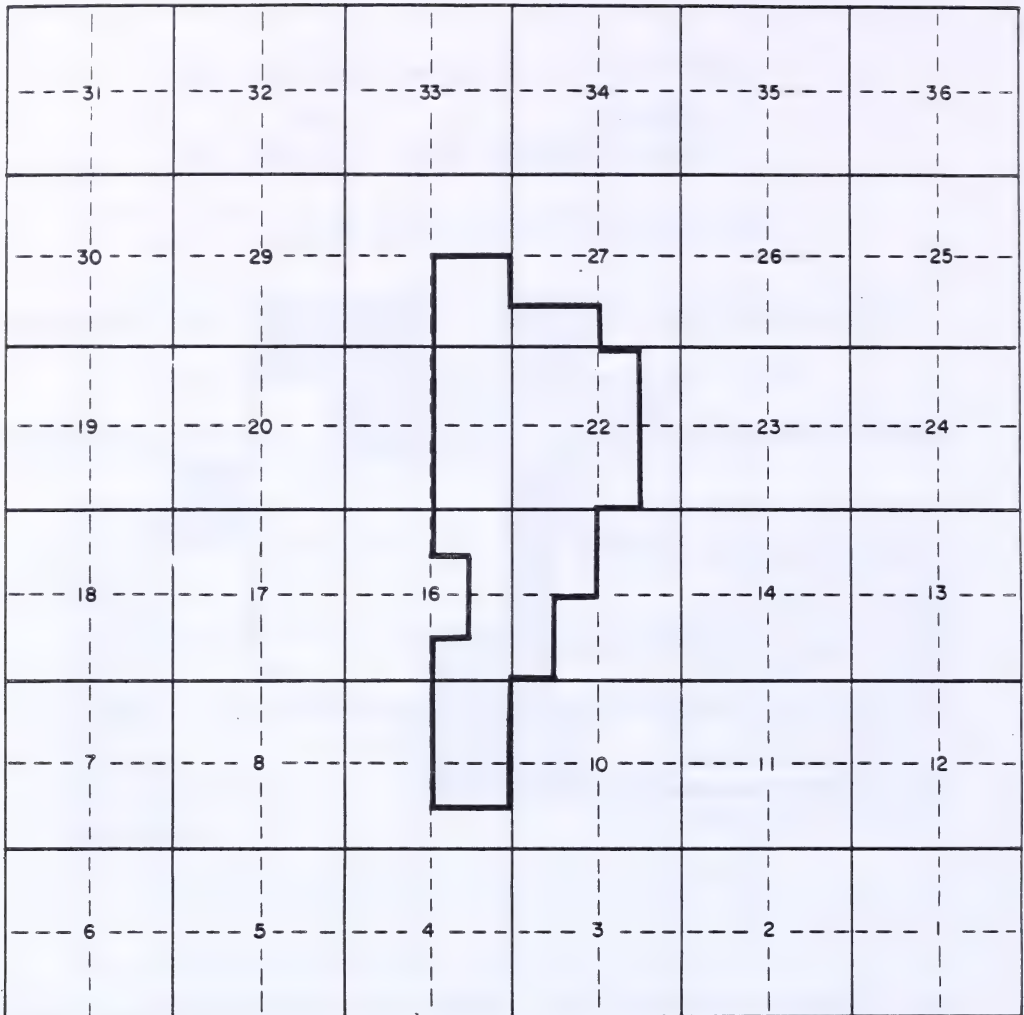
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Atcor Resources Limited	13.556963
Bobby Burns Petroleum (1977) Ltd.	17.765150
Bow Valley Resource Services Ltd.	2.243210
Geocrude Energy Inc.	10.078376
Oakwood Petroleums Ltd.	2.243210
PanCanadian Petroleum Limited	9.414131
Plaza Oil & Gas Ltd.	0.056886
Scurry-Rainbow Oil Limited	4.532923
T. J. Smith Ltd.	1.007839
St. John's Petroleum Ltd.	0.303381
Trilogy Resource Corporation	4.486422
Westgrowth Petroleums Ltd.	34.311509
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.18W4M



RETLAW UPPER MANNVILLE 'V' POOL UNIT

ERCB

INITIAL EFFECTIVE DATE - 1 OCTOBER 1983

UNIT OPERATOR - WESTGROWTH PETROLEUMS LTD.

ROSEBUD GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 February 1968

Participation Revised - 1 June 1972

*Unitized Zone - Belly River C Formation, Belly River D Formation, Viking Formation, Glauconitic Sandstone Formation, and Basal Quartz Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons (except coal)

Working Interest Owners

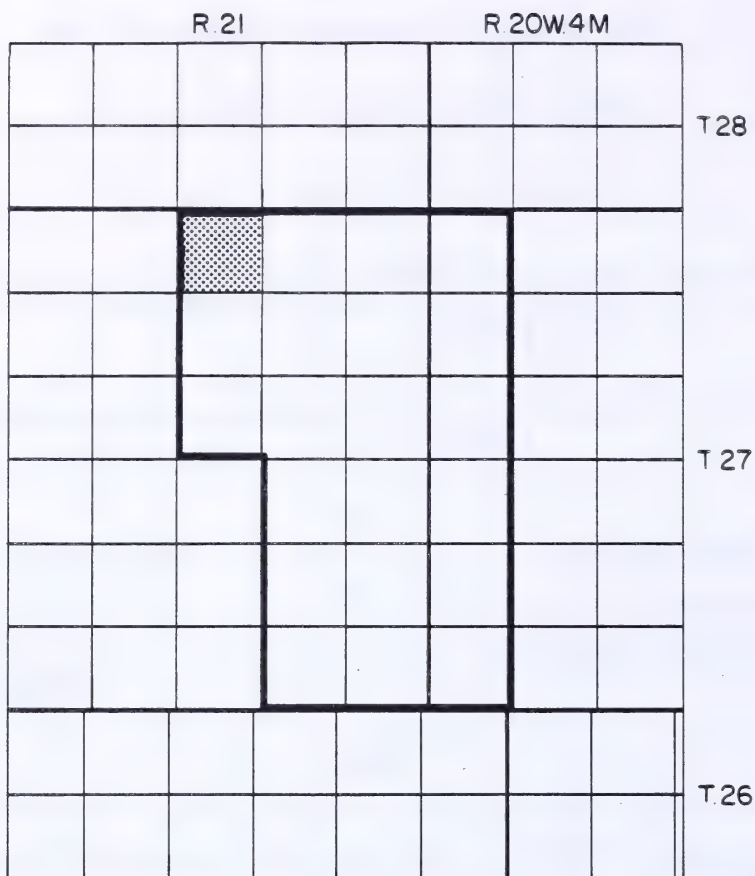
Per Cent Participation

Canadian Superior Oil Ltd.	12.059917
PanCanadian Petroleum Limited	44.642846
Pennzoil Petroleums Limited	43.297237
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



ROSEBUD GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1968

AREA OF CHANGE EFFECTIVE - JUNE 1 1972



UNIT OPERATOR - PANCANADIAN PETROLEUM LIMITED

WEST ROSEBUD GLAUCONITIC GAS UNIT

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 November 1975

Participation Revised - 1 December 1983

*Unitized Zone - Glauconitic Formation

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

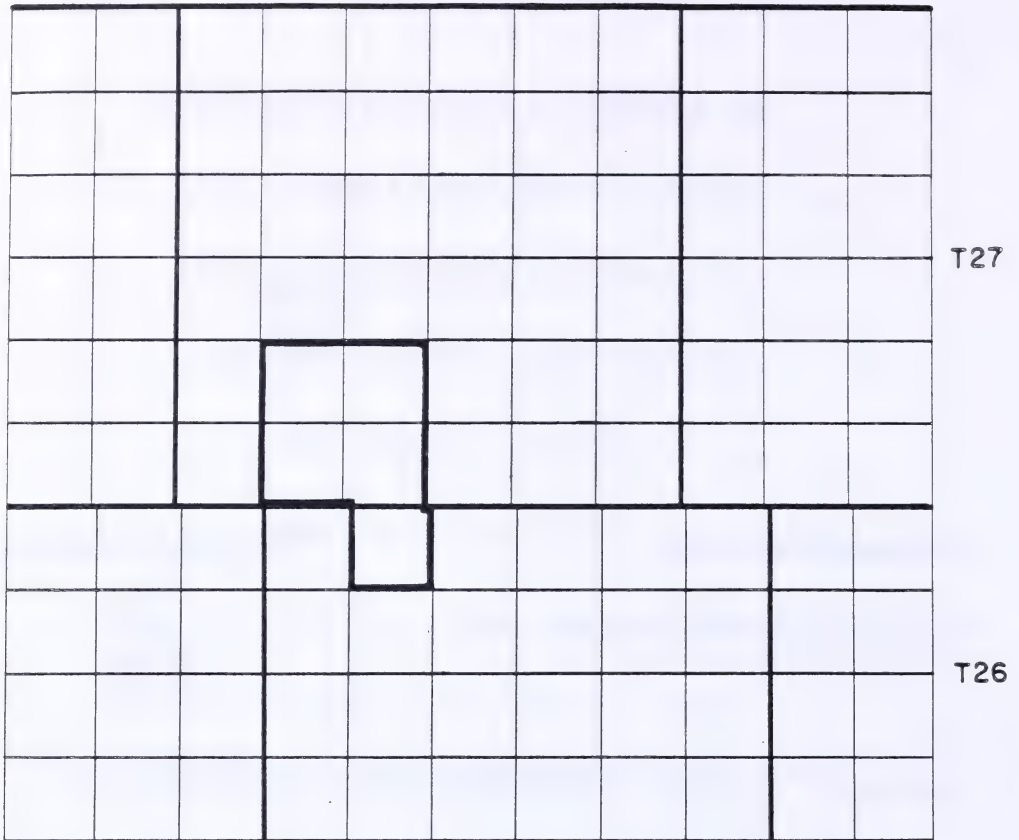
Canterra Energy Ltd.	9.625
Harvard International Resources Ltd.	9.625
PanCanadian Petroleum Limited	80.750
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.20



UNIT OPERATOR — PAN CANADIAN PETROLEUM LTD.

SARCEE UNIT

Unit Operator - Shell Canada Limited

Initial Effective Date - 28 September 1961

*Unitized Zone - Turner Valley Formation

*Unitized Substance - Petroleum and natural gas

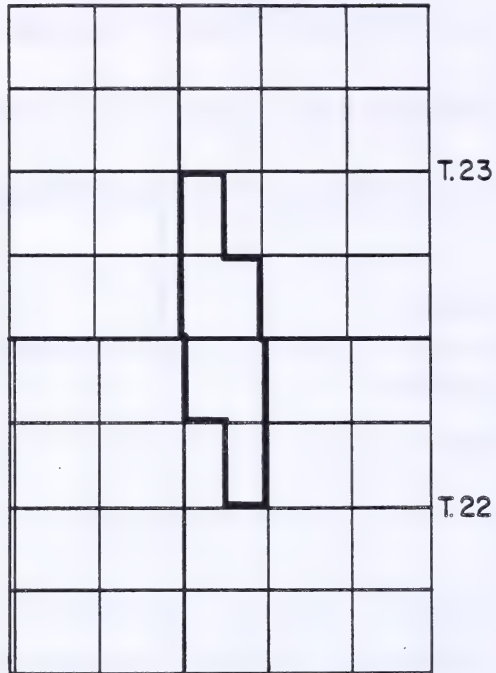
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Home Oil Company Limited	15.9
Shell Canada Limited	<u>84.1</u>
	100.0

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.3W.5M.



UNIT OPERATOR - SHELL CANADA LIMITED

SEPTEMBER 28, 1961

SCHULER MEDICINE HAT GAS UNIT

Unit Operator - United Canso Oil & Gas Ltd.

Initial Effective Date - 7 December 1965

Participation Revised - 30 September 1983

*Unitized Zone - Medicine Hat Zone

*Unitized Substance - Natural gas

Working Interest Owners

Per Cent Participation

United Canso Oil & Gas Ltd.

100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

SOUTH SIBBALD VIKING & BLAIRMORE GAS UNIT

Unit Operator - Suncor Inc.

Initial Effective Date - 1 February 1965

Participation Revised - 10 April 1981

*Unitized Zone - Viking Sand and Upper Blairmore Sand Formation

*Unitized Substance - Gas

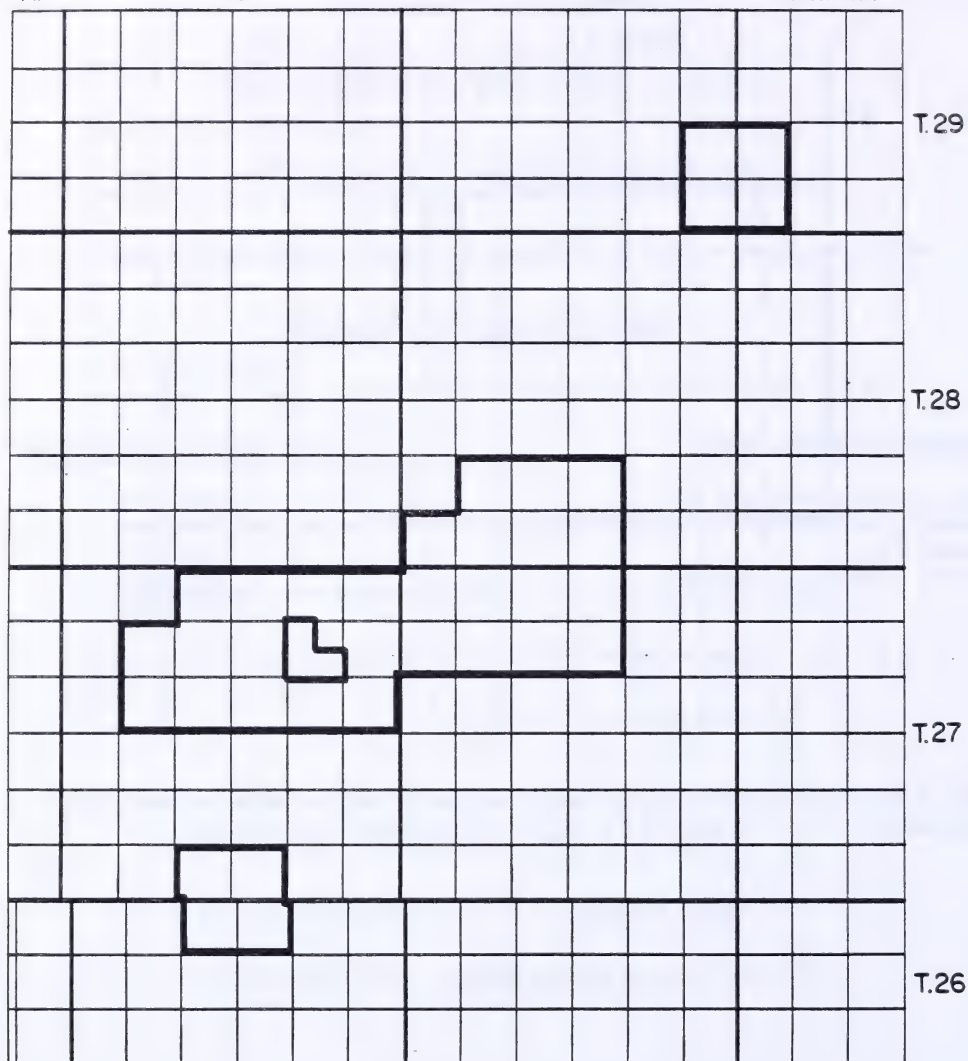
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Gulf Canada Resources Inc.	24.54025
Hudson's Bay Oil & Gas Company Limited	1.83900
Suncor Inc.	49.08050
United Canso Oil Company	24.54025
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.IW.4M.



UNIT OPERATOR— SUNCOR INC.

ENERGY RESOURCES CONSERVATION BOARD
CALGARY, ALBERTA

NORTH SMOKY GAS UNIT

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 March 1976

Participation Revised - 1 November 1983

*Unitized Zone - Colony Formation and Sparky Formation

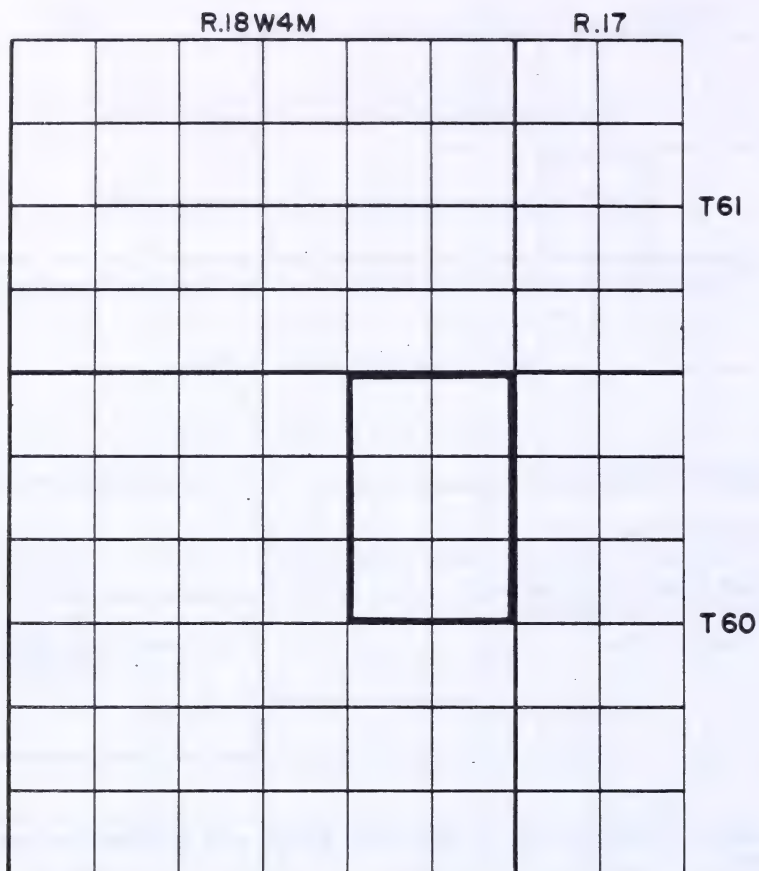
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Brunswick Resources Ltd.	9.0000
New York Oils Ltd. (Non-Personal Liability)	8.0000
PanCanadian Petroleum Limited	50.0000
PreCambrian Shield Resources Limited	25.0000
283437 Alberta Ltd.	8.0000
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



NORTH SMOKY GAS UNIT

INITIAL EFFECTIVE DATE - MARCH 1, 1976

UNIT OPERATOR - PANCANADIAN PETROLEUM LIMITED

STURGEON LAKE D-3 UNIT

Unit Operator - Amerada Minerals Corporation of Canada, Ltd.

Initial Effective Date - 1 April 1958

*Unitized Zone - Sturgeon Lake D-3 Zone

*Unitized Substance - Crude petroleum oil, natural gas, distillate,
condensate and all other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	100.00

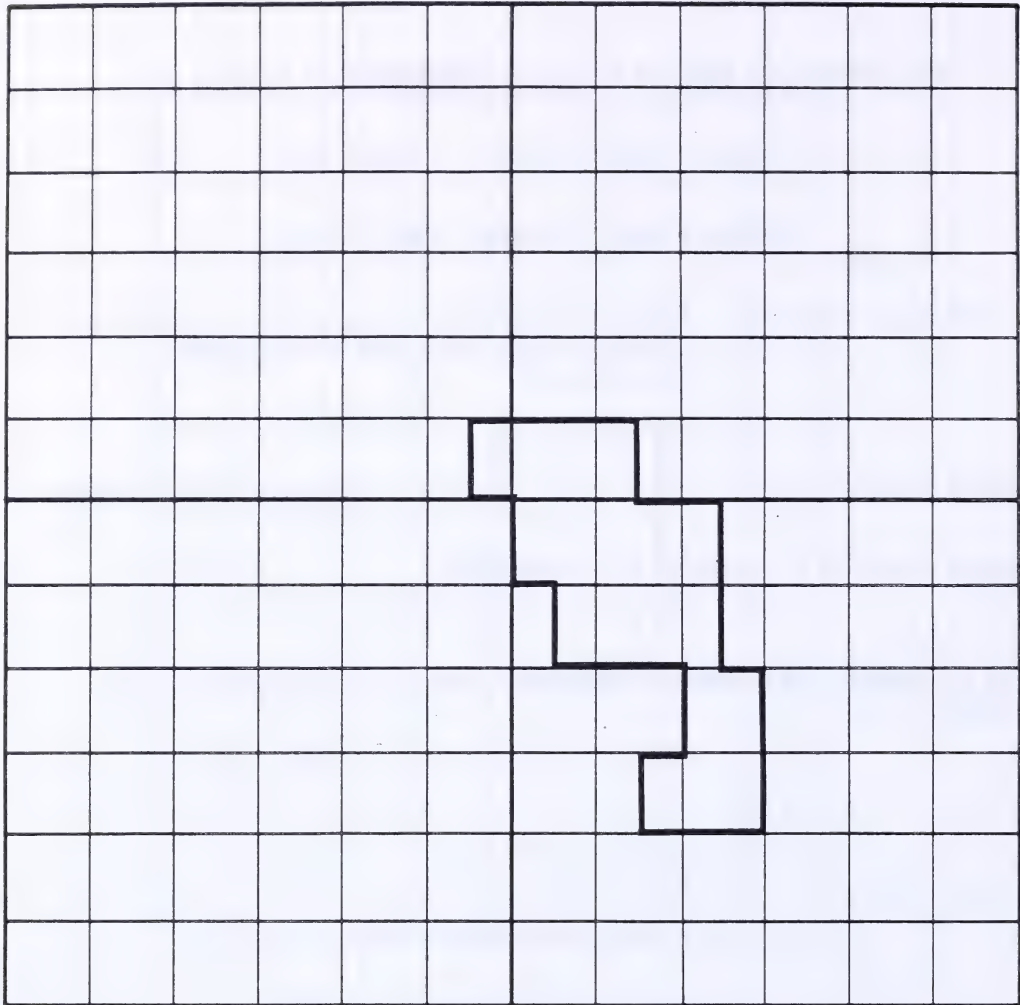
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.24

R23W5M.



T.72

T.71

STURGEON LAKE D-3 UNIT



INITIAL EFFECTIVE DATE-1 APRIL 1958

UNIT OPERATOR- AMERADA MINERALS CORPORATION OF CANADA LTD.

SULLIVAN LAKE GAS UNIT NO. 1

Unit Operator - BP Resources Canada Limited

Initial Effective Date - 1 September 1974

Participation Revised - 1 January 1985

*Unitized Zone - Basal Belly River and Viking Formations

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

BP Resources Canada Limited	46.400100
Columbia Gas Development of Canada Ltd.	0.573200
Dome Petroleum Limited	10.942900
Hudson's Bay Oil and Gas Company Limited	7.873400
ICG Resources	1.965900
Maligne Resources Limited	3.647600
Mobil Oil Canada Ltd.	2.544875
PanCanadian Petroleum Ltd.	15.865575
Sceptre Resources Limited	10.186450
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.13 W.4 M.

T.34

ERCB

UNIT OPERATOR- BP RESOURCES CANADA LIMITED

SUNCHILD GAS UNIT NO. 1

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 October 1978

Participation Revised - 1 August 1984

*Unitized Zone - Elkton-Shunda Zone

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	2.00
DeKalb Petroleum Corporation	2.00
Esso Resources Canada Limited	3.00
Gulf Canada Resources Inc.	11.00
Home Oil Company Limited	34.00
Mobil Oil Canada, Ltd.	11.00
Pembina Resources Ltd.	34.00
Shell Canada Resources Limited	3.00
	<u>100.00</u>

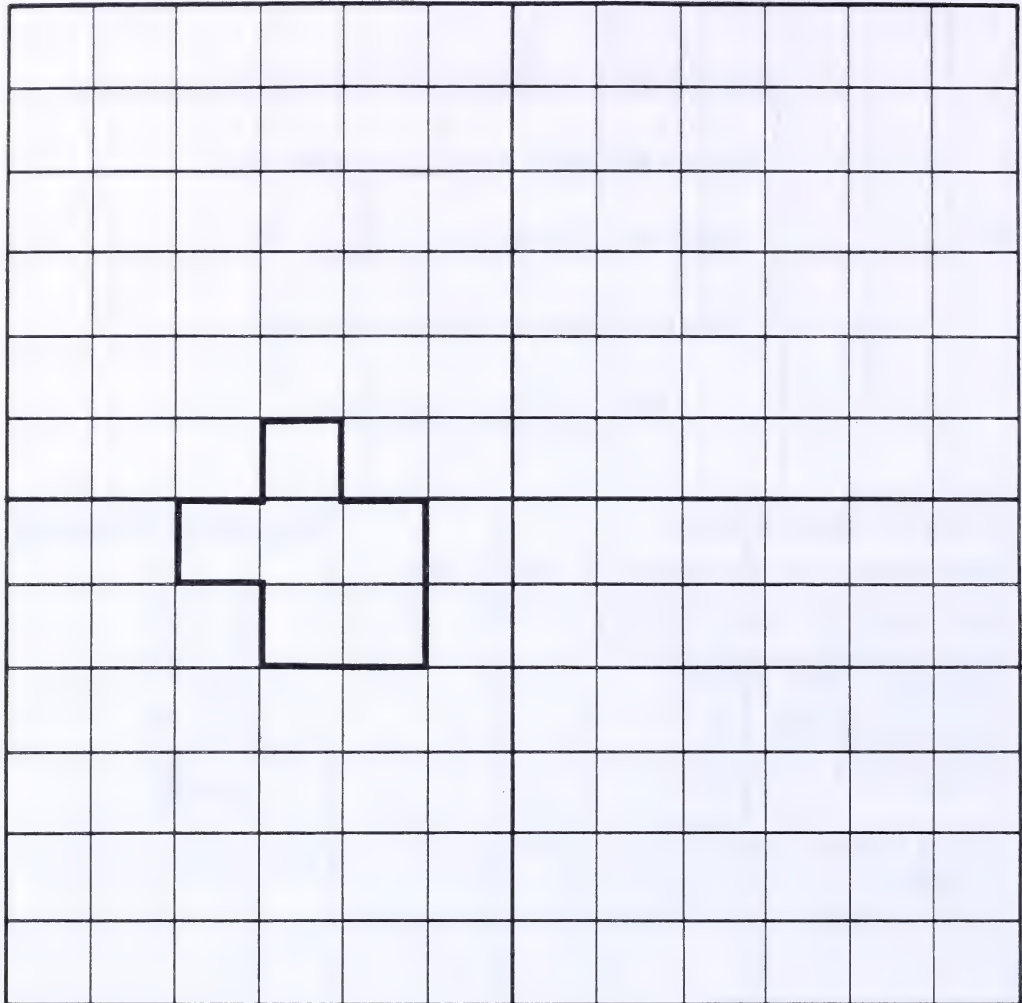
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.11

R.10 W.5 M.



T.44

T.43

SUNCHILD GAS UNIT NO.1



INITIAL EFFECTIVE DATE- 1 OCTOBER 1978

UNIT OPERATOR- HOME OIL COMPANY LIMITED

SUNDRE RUNDLE "B" POOL UNIT

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 July 1966

Participation Revised - 1 February 1984

*Unitized Zone - Elkton Member

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
DeKalb Petroleum Corporation	33.713
Hudson's Bay Oil and Gas Company Limited	51.067
Shell Canada Resources Limited	15.220
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5		R.4W.5M.	
27	26	25	30
22		24	19
15	14		18
	11		7
3	2	1	6

T.34

SUNDRE RUNDLE "B" POOL UNIT

INITIAL EFFECTIVE DATE - JULY 1, 1966

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

SUNNYNOOK GAS UNIT NO. 1

Unit Operator - Bow Valley Exploration

Initial Effective Date - 1 September 1967

*Unitized Zone - Basal Quartz Formation, Glauconitic Formation

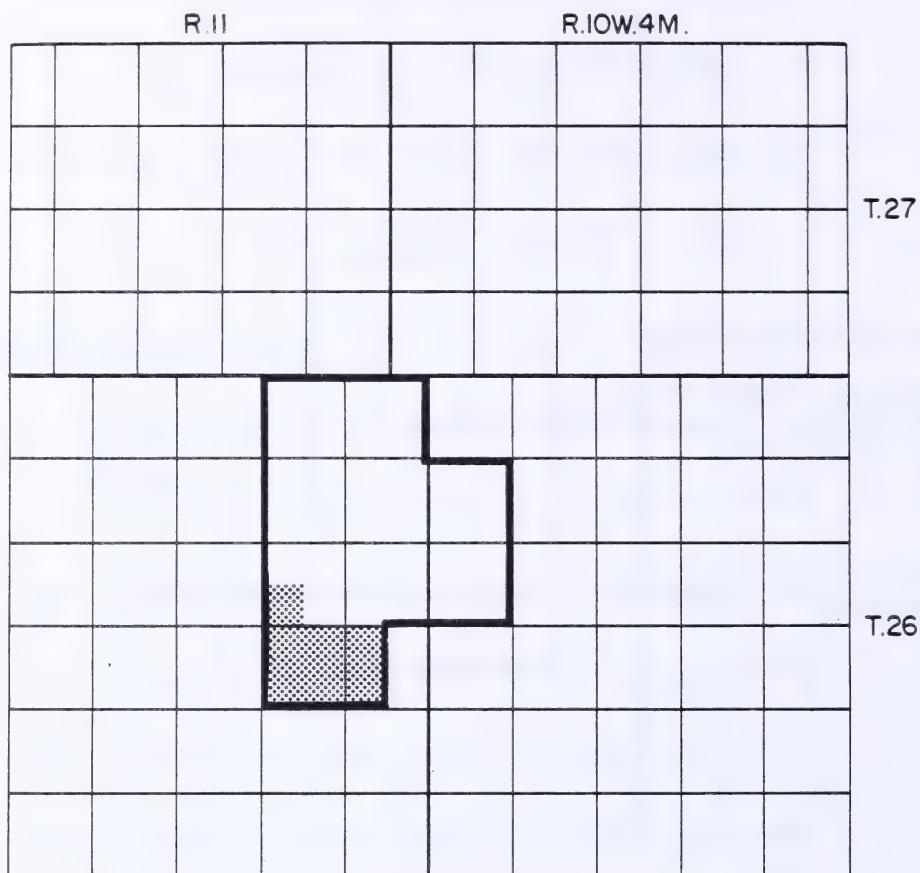
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bow Valley Industries Ltd.	47.075
Hudson's Bay Oil and Gas Company Limited	5.850
Olive White Garvey	47.075
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



SUNNYSOOK GAS UNIT NO.1

INITIAL EFFECTIVE DATE - SEPTEMBER 1, 1967

UNIT OPERATOR - BOW VALLEY EXPLORATION

AREA OF CHANGE EFFECTIVE - MARCH 1, 1968 - 

SYLVAN LAKE GAS UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 June 1965

Participation Revised - 1 September 1983

*Unitized Zone - Between Top of Glauconite to Base of Pekisko

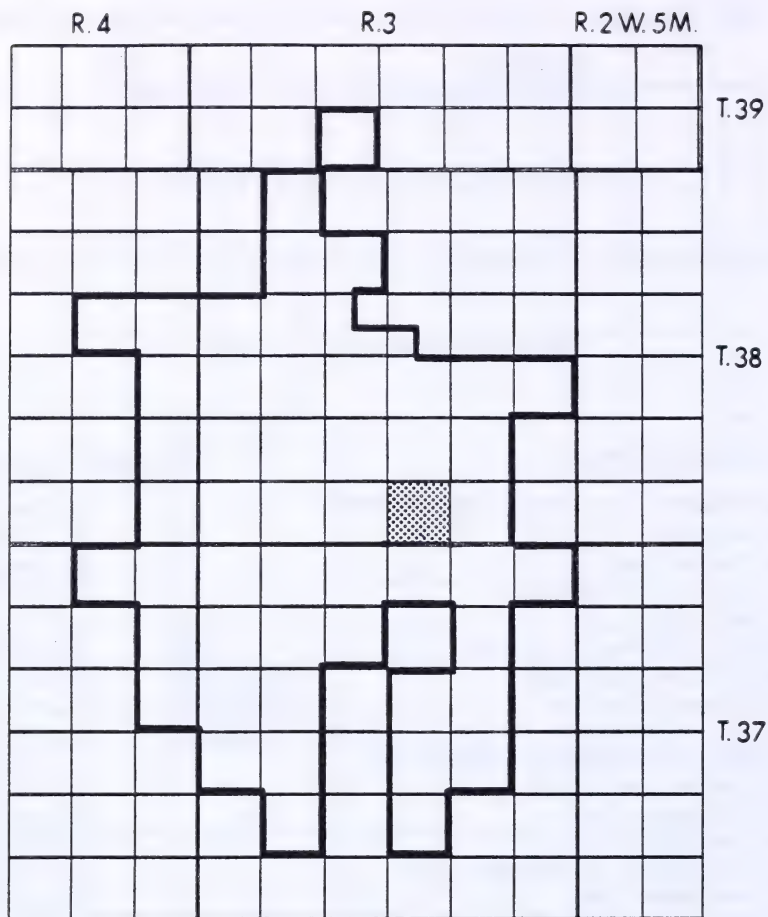
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Reserve Oil and Gas Ltd.	0.656533
Canadian Superior Oil Ltd.	3.903888
Champlin Canada Ltd.	1.889820
Drummond Oil & Gas Limited	11.851415
Empress Gas Corp. Ltd.	1.729666
Esso Canada Resources Limited	0.928894
Gulf Canada Resources Inc.	15.944161
Home Oil Company Limited	0.644761
Hudson's Bay Oil and Gas Company Limited	33.869263
Lincoln McKay Development Company Ltd.	3.137259
Mobil-TO Canada Inc., Ltd.	0.024555
Murphy Oil Company Ltd.	0.190652
Musketeer Energy Ltd.	0.033644
Natomas Exploration of Canada, Ltd.	4.420420
Oakwood Petroleum Ltd.	0.021421
Petro-Canada Enterprises Inc.	2.383976
Petro-Canada Inc.	0.682776
Suncor Inc.	6.892659
Texaco Canada Resources Ltd.	10.185651
United Canso Oil and Gas Ltd.	0.608586
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



SYLVAN LAKE GAS UNIT NO. 1

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

INITIAL EFFECTIVE DATE - JUNE 1, 1965

AREA OF CHANGE EFFECTIVE - OCTOBER 1, 1965 - 

SYLVAN LAKE LEDUC (D-3) UNIT

Unit Operator - Gulf Oil Canada Limited

Initial Effective Date - 6 January 1966

*Unitized Zone - Leduc (D-3) Zone

*Unitized Substance - Crude oil

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Apache Corporation	20.5882
Brinkerhoff Drilling Co. Ltd.	20.5882
Gulf Oil Canada Limited	29.4118
Sun Oil Company	29.4118
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.4

R.3W.5M.

36	31	32	33	34
25	30	29	28	27
24	19	20	21	22
13	18	17	16	15
12	7	8	9	10
1	6	5	4	3

T.37

SYLVAN LAKE LEDUC D-3 UNIT

INITIAL EFFECTIVE DATE - JANUARY 6, 1966

UNIT OPERATOR - GULF OIL CANADA LIMITED

EAST TABER MANNVILLE "D" UNIT NO. 2

Unit Operator - Chevron Canada Resources Limited

Initial Effective Date - 1 August 1973

Participation Revised - 1 May 1983

*Unitized Zone - Mannville D Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

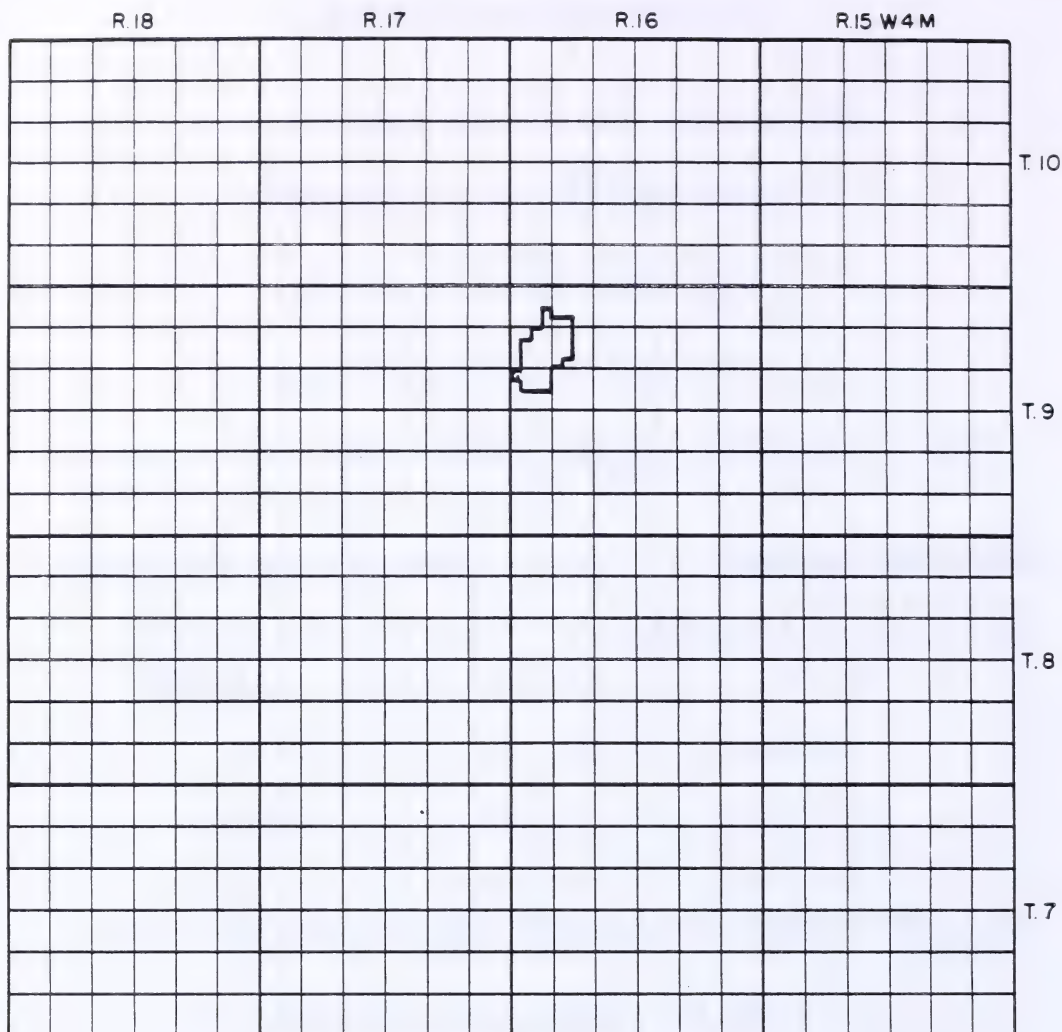
Per Cent Participation

Anadarko Petroleum of Canada Ltd.	44.90249
Chevron Canada Resources Limited	7.15142
Star Oil & Gas Ltd.	47.94609
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



EAST TABER MANNVILLE D UNIT NO.2



INITIAL EFFECTIVE DATE - 1 AUGUST 1973

UNIT OPERATOR - CHEVRON CANADA RESOURCES LTD.

AREA OF CHANGE EFFECTIVE - 1 JULY 1976 

EAST TABER MANNVILLE "D" UNIT NO. 3

Unit Operator - Anadarko Petroleum of Canada Ltd.

Initial Effective Date - 1 March 1980

*Unitized Zone - Mannville D Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Anadarko Petroleum of Canada Ltd.	61.00189
Felmont Oils Corporation	12.36316
Norcen International Ltd.	13.52416
Placer Cego Petroleum Limited	4.86868
Sceptre Oils Ltd.	8.24211
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

INITIAL EFFECTIVE DATE—MARCH 1, 1980

ENERGY RESOURCES CONSERVATION BOARD
CALGARY, ALBERTA

TABER SOUTH BOW ISLAND GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 30 April 1975

Participation Revised - 1 July 1980

*Unitized Zone - Bow Island Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

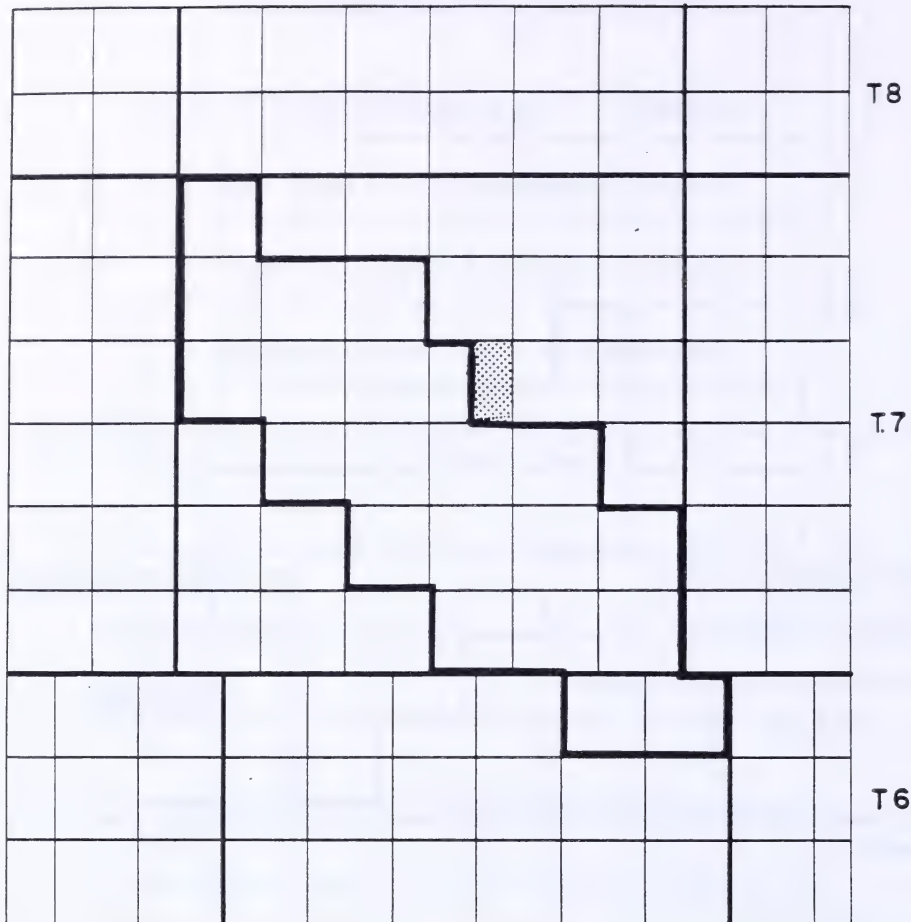
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Musketeer Energy Ltd.	36.93467
PanCanadian Petroleum Limited	63.06533
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.15



TABER SOUTH BOW ISLAND GAS UNIT NO. 1

INITIAL EFFECTIVE DATE - APRIL 30, 1975

UNIT OPERATOR - PAN CANADIAN PETROLEUM LTD.

AREA OF CHANGE EFFECTIVE - APRIL 30, 1975

TABER SOUTH GLAUCONITIC "A" UNIT NO. 1

Unit Operator - Musketeer Energy Ltd.

Initial Effective Date - 1 October 1966

Participation Revised - 1 December 1983

*Unitized Zone - Glauconite Sandstone Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Musketeer Energy Ltd.	56.500
PanCanadian Petroleum Limited	<u>43.500</u>
	100.000

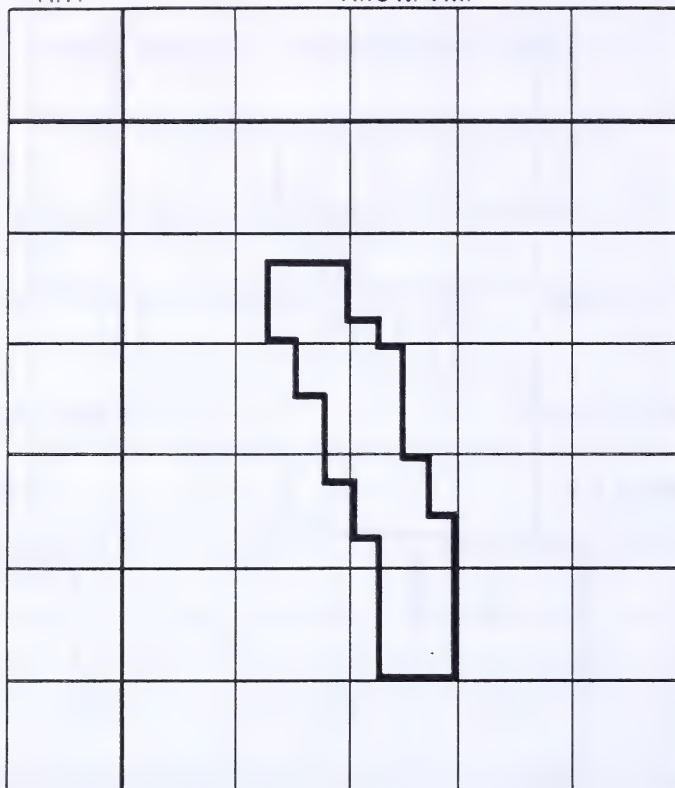
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.17

R.16W.4M.



T.8

T.7

TABER SOUTH GLAUCONITIC 'A' UNIT NO. 1

INITIAL EFFECTIVE DATE - OCTOBER 1, 1966

UNIT OPERATOR - MUSKETEER ENERGY LTD.

TABER SOUTH MANNVILLE A UNIT NO. 2

Unit Operator - Musketeer Energy Ltd.

Initial Effective Date - 1 November 1968

Participation Revised - 1 December 1983

*Unitized Zone - Mannville Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

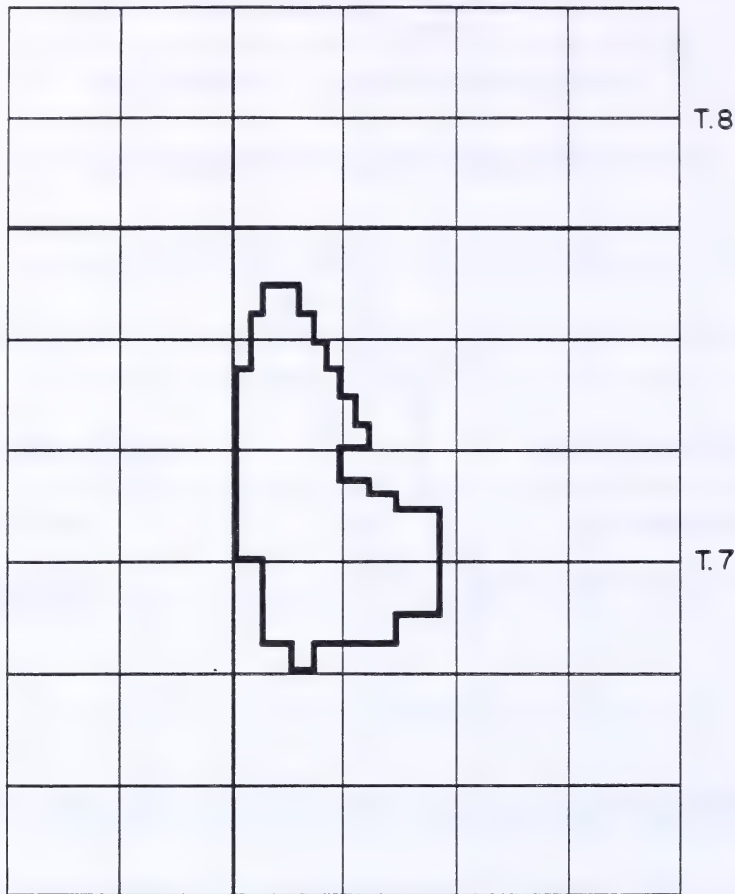
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Musketeer Energy Ltd.	47.10210
PanCanadian Petroleum Limited	<u>52.89790</u>
	100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.16W.4M.



INITIAL EFFECTIVE DATE - NOVEMBER 1, 1968

UNIT OPERATOR - MUSKETEER ENERGY LTD.

THOMPSON LAKE VIKING GAS UNIT NO. 1

Unit Operator - Ranchmen's Resources (1976) Ltd.

Initial Effective Date - 1 February 1979

*Unitized Zone - Viking Sandstone Formation

*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	28.760
PanCanadian Petroleum Limited	5.970
Ranchmen's Resources (1976) Ltd.	65.270
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R11W4M

R.10

T40

THOMPSON LAKE VIKING GAS UNIT NO.1

INITIAL EFFECTIVE DATE — 1 FEBRUARY, 1979

UNIT OPERATOR—RANCHMEN'S RESOURCES (1976) LTD.

THREE HILLS OSTRACOD UNIT NO. 1

Unit Operator - Norcen Energy Resources Limited

Initial Effective Date - 1 February 1967

Participation Revised - 1 November 1984

*Unitized Zone - Ostracod Zone

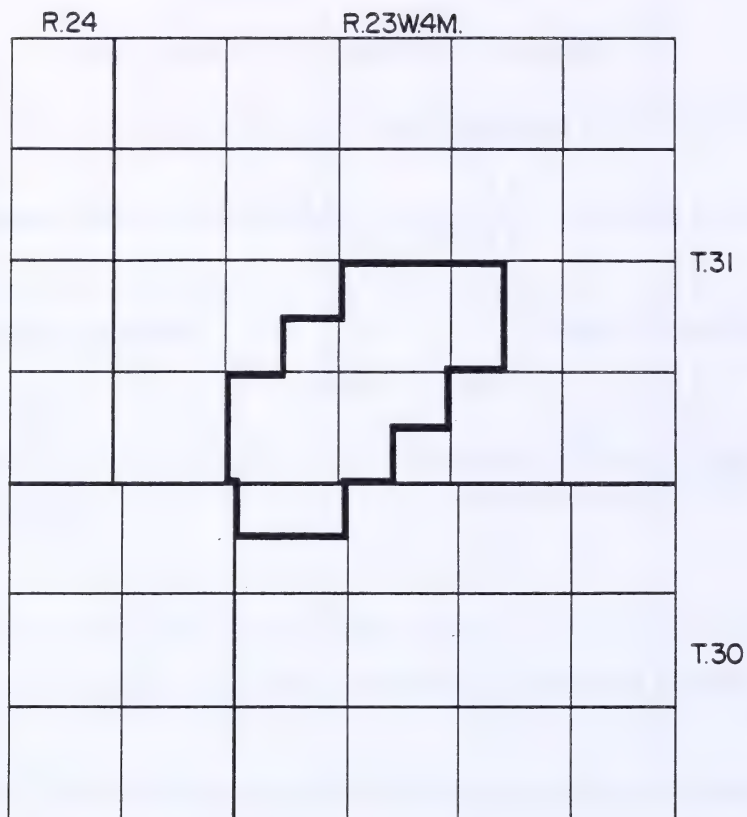
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hudson's Bay Oil and Gas Company Limited	3.511
Murphy Oil Company Ltd.	6.610
Musketeer Energy Ltd.	6.610
Norcen Energy Resources Limited	71.326
Placer CEGO Petroleum Limited	11.943
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



THREE HILLS OSTRACOD UNIT NO. 1

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1967

UNIT OPERATOR - NORCEN ENERGY RESOURCES LIMITED

TIDE LAKE GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 April 1976

Participation Revised - 1 April 1984

*Unitized Zone - Medicine Hat Formation, Milk River Formation, and
Second White Specks Formation

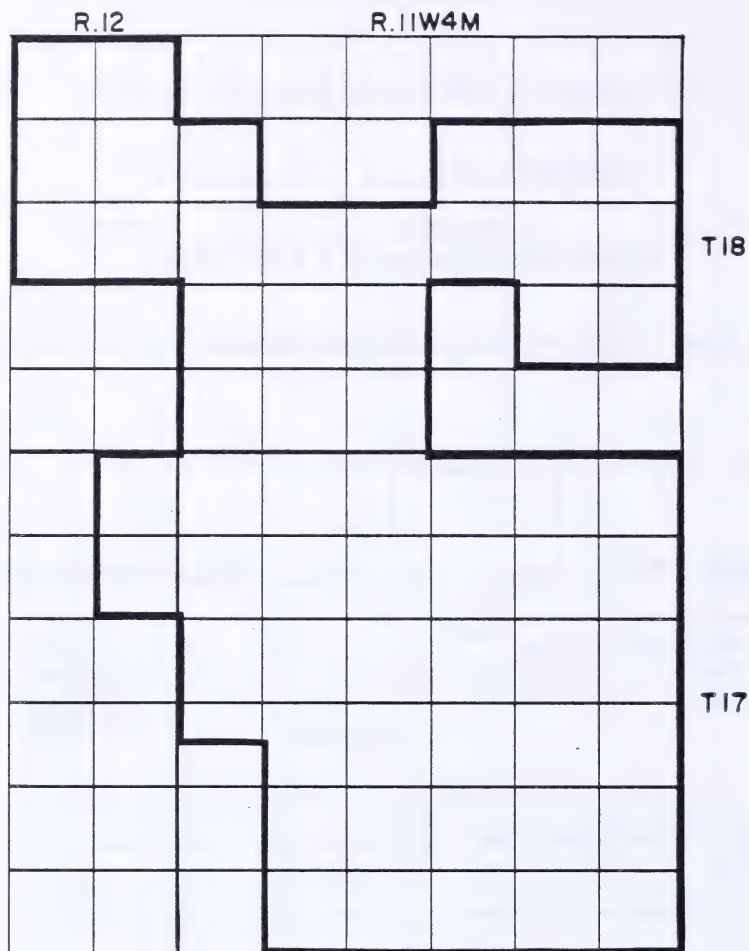
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
BP Exploration Canada Limited	16.5183
PanCanadian Petroleum Limited	50.0000
Petro-Canada Inc.	22.4695
Teck Corporation	<u>11.0122</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



TIDE LAKE GAS UNIT NO. 1

INITIAL EFFECTIVE DATE APRIL 1 , 1976

UNIT OPERATOR - PANCANADIAN PETROLEUM LIMITED

TIDE LAKE GAS UNIT NO. 2

Unit Operator - Novalta Resources Ltd.

Initial Effective Date - 1 October 1982

*Unitized Zone - Milk River Zone and Medicine Hat Zone

*Unitized Substance - Natural gas and any other hydrocarbons
(except crude oil and coal)

Working Interest Owners

Per Cent Participation

Novalta Resources Ltd.

100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

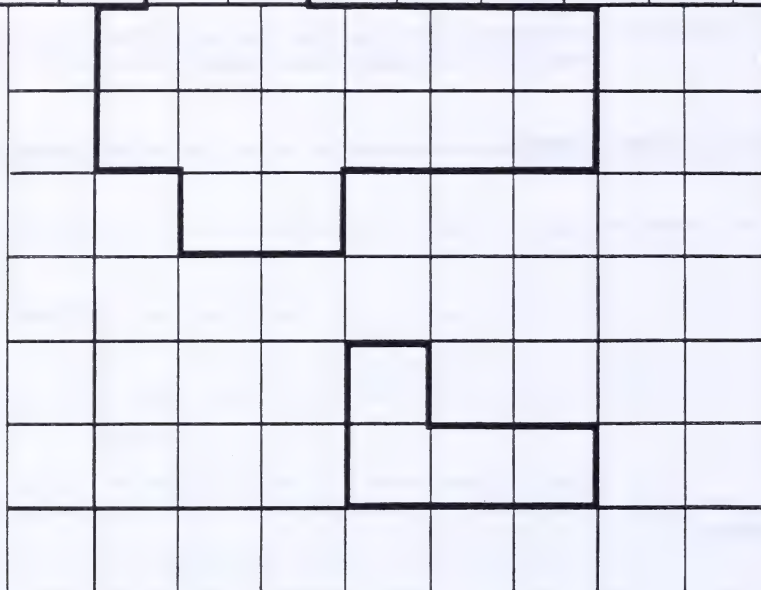
R.12

R.11

R.10W.4M.



T.19



T.18

T.17

TIDE LAKE GAS UNIT NO. 2

UNIT OPERATOR - NOVALTA RESOURCES LTD.

EFFECTIVE DATE - OCTOBER 1, 1982

TILLEY MILK RIVER GAS UNIT

Unit Operator - Ocelot Industries Ltd.

Initial Effective Date - 1 March 1973

Participation Revised - 1 April 1984

*Unitized Zone - Milk River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

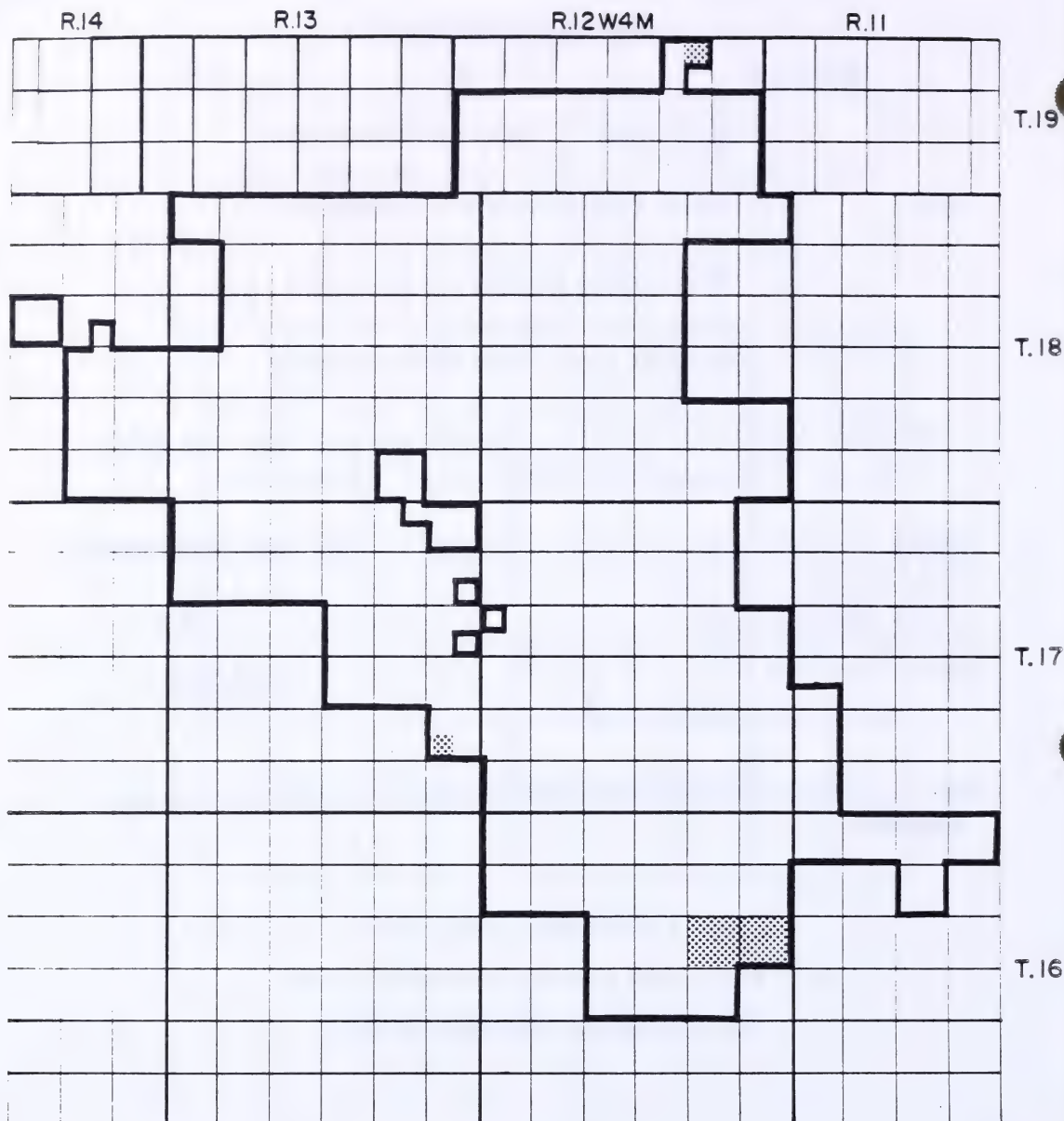
Per Cent Participation

Coseka Resources Limited	8.6985
Lonlife Resources Ltd.	1.3260
Musketeer Energy Ltd.	10.8589
Ocelot Industries Ltd.	79.1166
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



TILLEY MILK RIVER GAS UNIT

INITIAL EFFECTIVE DATE - MARCH 1, 1973

UNIT OPERATOR - OCELOT INDUSTRIES LTD

AREA OF CHANGE EFFECTIVE - MARCH 1, 1973 0000000

TWINING SOUTH UNIT

Unit Operator - Bumper Development Corporation Ltd.

Initial Effective Date - 1 September 1978

Participation Revised - 27 November 1984

*Unitized Zone - Pekisko Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

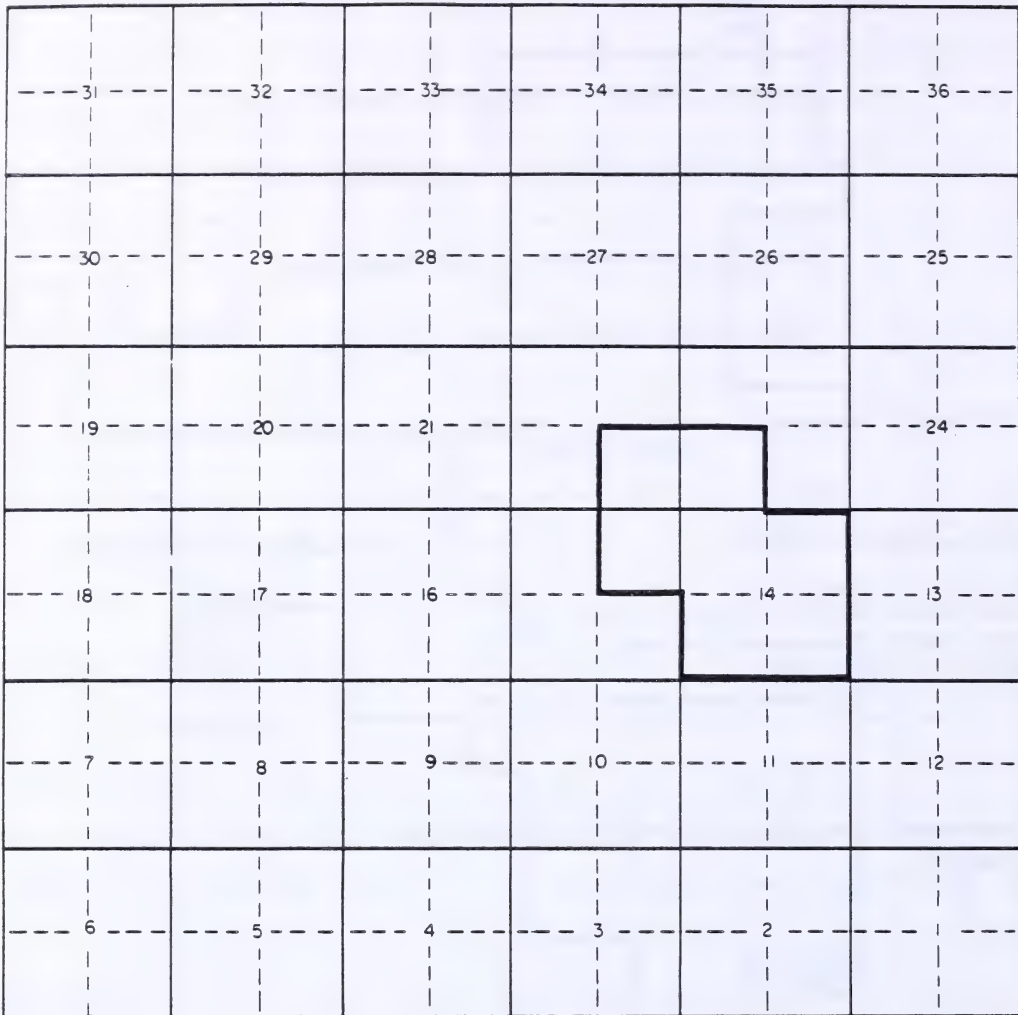
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Andex Oil Co. Ltd.	28.8500
Bumper Development Corporation Ltd.	28.8500
Norcen Energy Resources Limited	36.4965
Placer Cego Petroleum	5.8035
A Division of Placer Development Limited	
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R24 W4M



T30

TWINING SOUTH UNIT



INITIAL EFFECTIVE DATE - 1 SEPTEMBER 1978

UNIT OPERATOR - BUMPER DEVELOPMENT CORPORATION LTD.

VERGER GAS UNIT NO. 1

Unit Operator - PanCanadian Petroleum Limited

Initial Effective Date - 1 November 1974

*Unitized Zone - Milk River, Medicine Hat, and Second White Specks
Formations

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canada-Cities Service Ltd.	28.57143
PanCanadian Petroleum Limited	<u>71.42857</u> 100.00000

*For a complete definition of unitized zones and substances see Unit
Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

A 10x10 grid is shown. A shaded region is highlighted, consisting of a 3x3 square of cells with an additional cell attached to the bottom-left corner, forming a total of 10 cells.

A 10x10 grid is shown. A shaded region is formed by a 3x3 square of cells in the lower-left quadrant, with an additional cell attached to the bottom-left corner of this square. The shaded region consists of 10 cells in total.

A 10x10 grid is shown. A shaded region is formed by a 3x3 square of cells (rows 3-5, columns 1-3) and an additional cell at row 6, column 1. The shaded region consists of 10 cells in total.

A 10x10 grid is shown. A shaded region is formed by a 3x3 square of cells in the lower-left quadrant, with an additional cell attached to the bottom-left corner of this square. The shaded region consists of 10 cells in total.

A 10x10 grid is shown. A shaded region is formed by a 3x3 square of cells in the lower-left quadrant, with an additional cell attached to the bottom-left corner of this square. The shaded region consists of 10 cells in total.

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1974

INITIAL EFFECTIVE DATE — NOVEMBER 1, 1974

UNIT OPERATOR-PAN. CANADIAN PETROLEUM LIMITED

VIKING KINSELLA WAINWRIGHT B POOL UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 March 1977

Participation Revised - 1 June 1984

*Unitized Zone - Wainwright B Pool Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

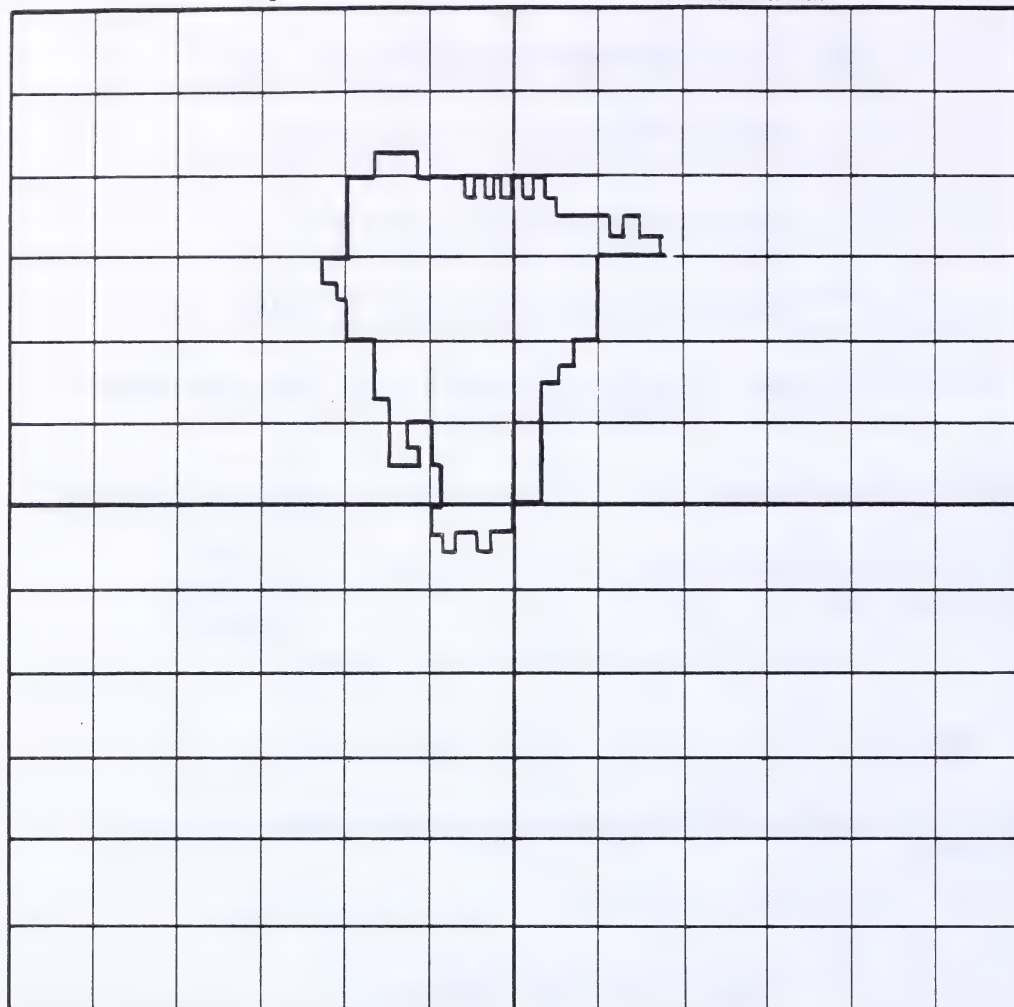
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	2.337
PanCanadian Petroleum Limited	16.538
Petro-Canada Inc.	81.125
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.8 W.4M.



T. 48

T. 47

ERC

INITIAL EFFECTIVE DATE- 1 MARCH 1977

UNIT OPERATOR- PETRO CANADA INC.

WEST VIKING GAS UNIT NO. 1

Unit Operator - Voyager Energy Inc.

Initial Effective Date - 1 February 1975

Participation Revised - 1 May 1985

*Unitized Zone - Viking, Sparky, Middle Mannville, Glauconitic, Basal
Quartz, and Wabamun Formations

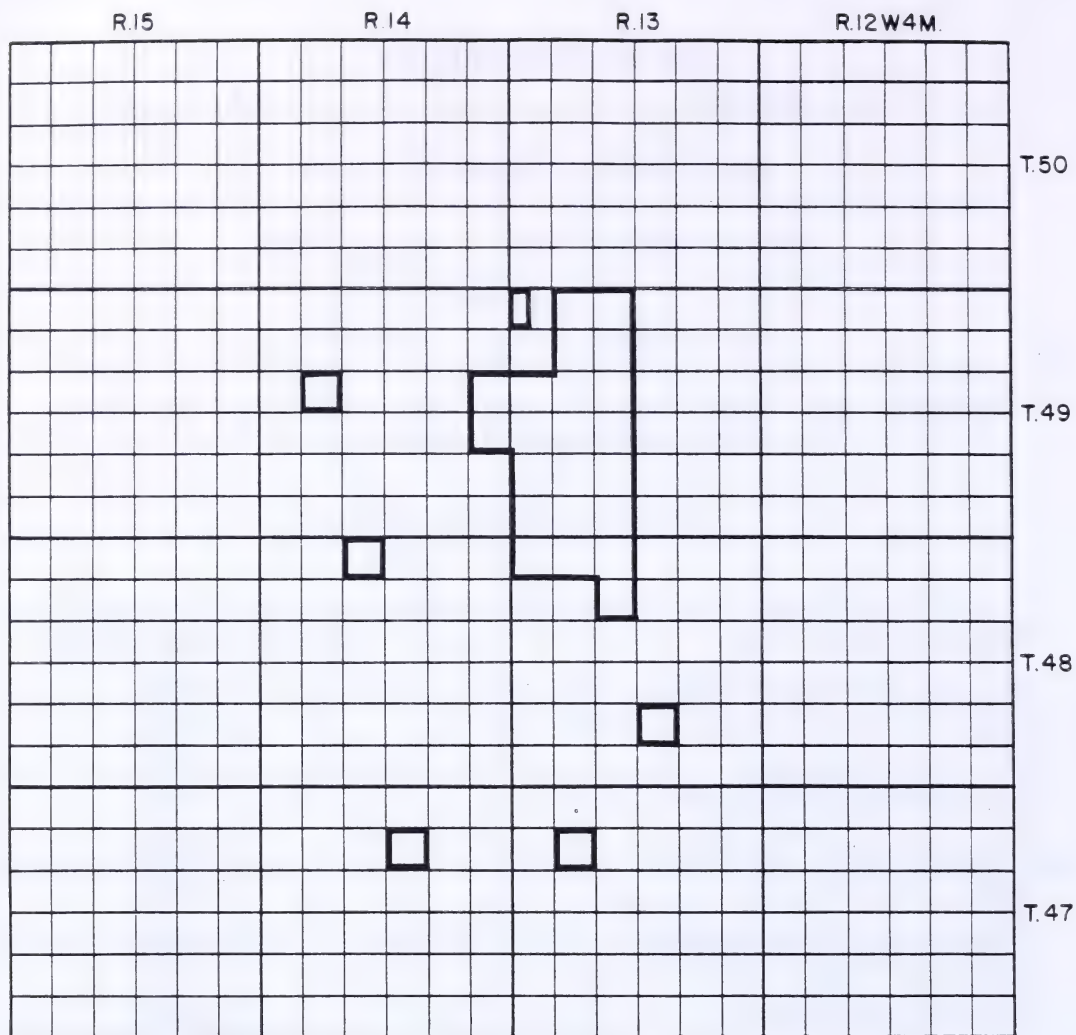
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bob Clare Investments Ltd.	14.09564
Columbia Gas Development of Canada Ltd.	0.34596
Commercial Oil & Gas Ltd.	1.28555
Dome Petroleum Limited	3.98761
Dyco Petroleum Corporation	1.59997
J. R. & S. Holdings Ltd.	5.16871
Maligne Resources Limited	4.83233
Neomar Resources Ltd.	6.24168
Northwestern Utilities Limited	1.07497
PanCanadian Petroleum Limited	27.21592
Provo Gas Producers Limited	10.50943
Voyager Petroleums Ltd.	21.79712
Westcoast Petroleum Ltd.	1.84511
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit
Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WEST VIKING GAS UNIT NO.1



INITIAL EFFECTIVE DATE - 1 FEBRUARY 1975

UNIT OPERATOR- VOYAGER ENERGY INC.

WAINWRIGHT COLONY SAND GAS UNIT NO. 1

Unit Operator - Sceptre Resources Limited

Initial Effective Date - 1 August 1973

Participation Revised - 1 November 1984

*Unitized Zone - Colony Sand

*Unitized Substance - Gas

Working Interest Owners

Per Cent Participation

Mikaud Oils Ltd.	1.3513500
Byron S. Miller, Trustee	17.9054125
Sceptre Resources Limited	35.8108250
United Canso Oil & Gas Ltd.	27.0270000
Webb International Minerals, Inc.	17.9054125
	<u>100.0000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.7

R.6W4M

34	35	36	31	32	33
27	26	25	30	29	28
22	23	24	19	20	21
15	14	13	18	17	16
10	11	12	7	8	9
3	2	1	6	5	4

T.44

WAINWRIGHT COLONY SAND GAS UNIT NO.1

INITIAL EFFECTIVE DATE- 1 AUGUST 1973

UNIT OPERATOR- SCEPTRE RESOURCES LIMITED

WAINWRIGHT UNIT NO. 1

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 1 December 1961

Participation Revised - 1 August 1984

*Unitized Zone - Wainwright Wainwright B Pool

*Unitized Substance - Crude oil, natural gas, condensate, and all other hydrocarbons (except coal)

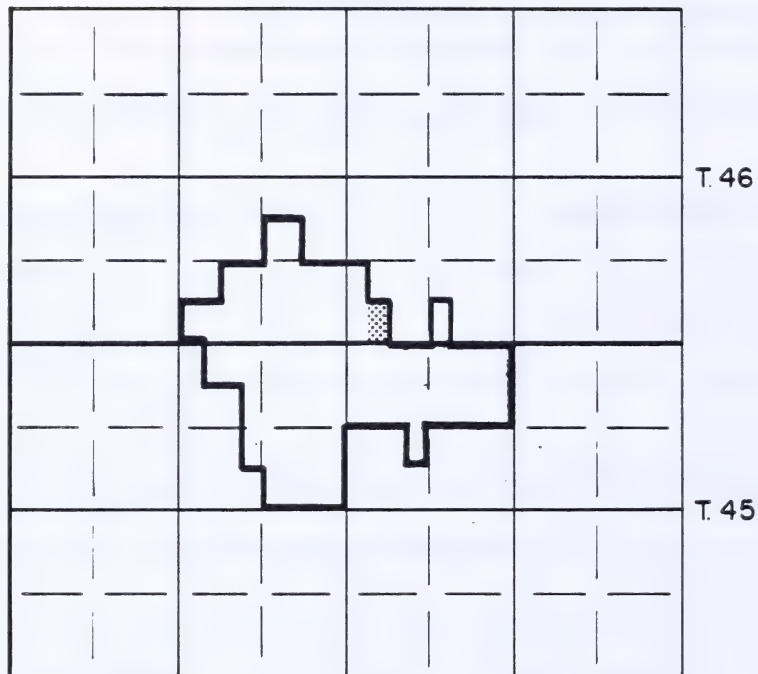
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	5.4705
Husky Oil Operations Ltd.	<u>94.5295</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6W.4M.



WAINWRIGHT UNIT NO. 1

INITIAL EFFECTIVE DATE - DECEMBER 1, 1961

UNIT OPERATOR - HUSKY OIL OPERATIONS LTD.

AREA OF CHANGE EFFECTIVE - 1 AUGUST 1984 

WAINWRIGHT UNIT NO. 4

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 August 1962

Participation Revised - 1 November 1983

*Unitized Zone - Wainwright Wainwright Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

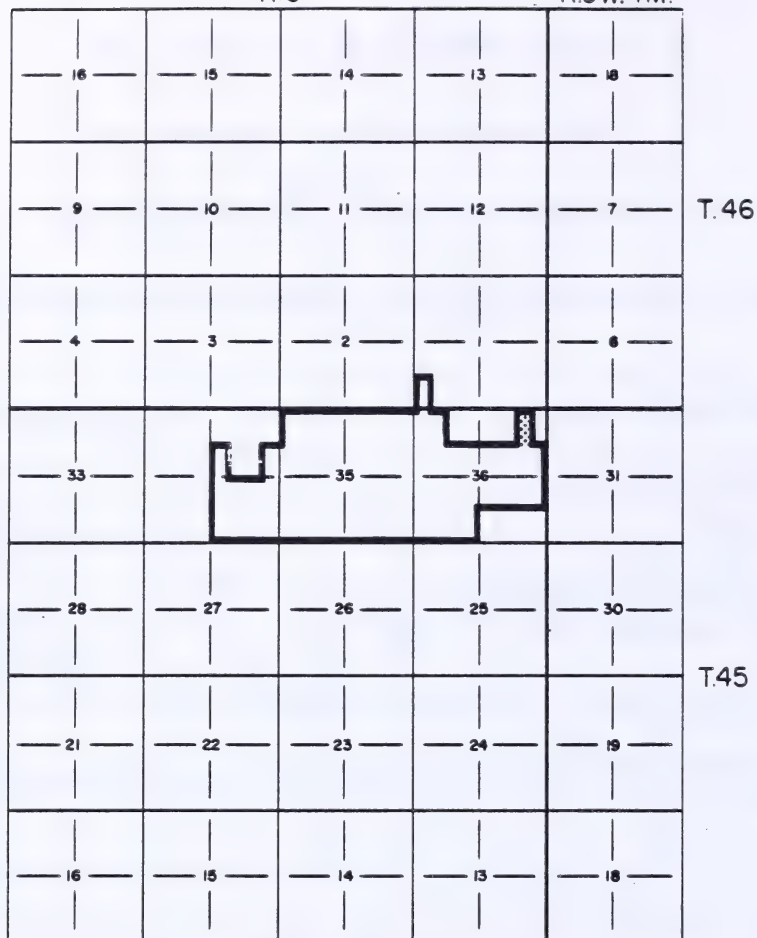
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bankeno Resources Ltd.	3.535729
D & J Developments Limited	1.177072
R. D. Pearson	0.919098
Petro-Canada Inc.	86.190956
Spruce Hills Production Co.	1.177072
Western Decalta Petroleum (1977) Limited	5.823001
Wrangler Management Ltd.	1.177072
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5W.4M.



INITIAL EFFECTIVE DATE - AUGUST 1, 1962

UNIT OPERATOR - PETRO-CANADA INC.

AREA OF CHANGE EFFECTIVE- JULY 1, 1968- [REDACTED]

WAINWRIGHT UNIT NO. 5

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 1 January 1963

Participation Revised - 1 October 1983

*Unitized Zone - Wainwright Wainwright Pool

*Unitized Substance - Crude oil, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

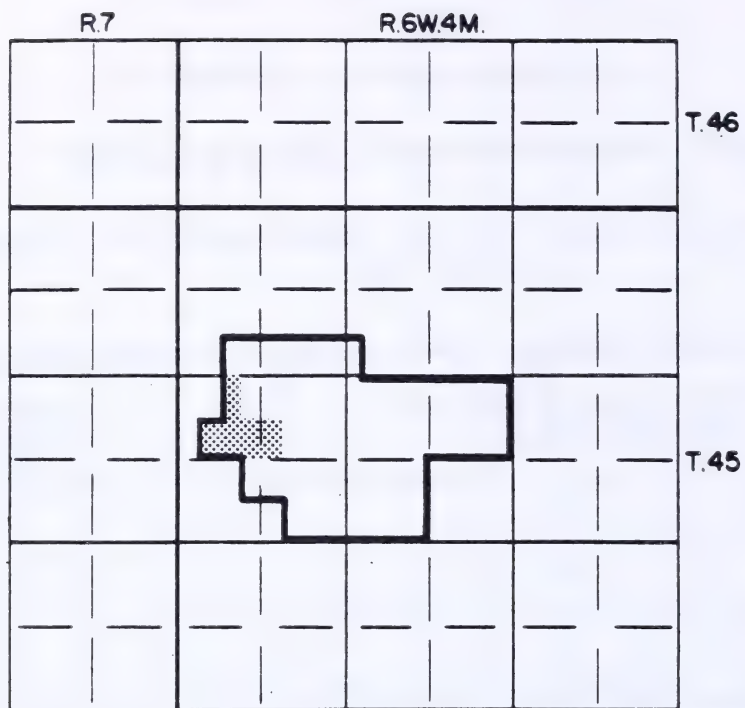
Per Cent Participation

Amoco Canada Petroleum Company Ltd.	31.1638
Husky Oil Operations Ltd.	60.8652
Tricentrol Oils Ltd.	7.9710
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



INITIAL EFFECTIVE DATE - JANUARY 1, 1963

AREA OF CHANGE EFFECTIVE — 1 OCTOBER 1983 —

WAINWRIGHT UNIT NO. 7

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 February 1974

Participation Revised - 1 June 1983

*Unitized Zone - Sparky Sand Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

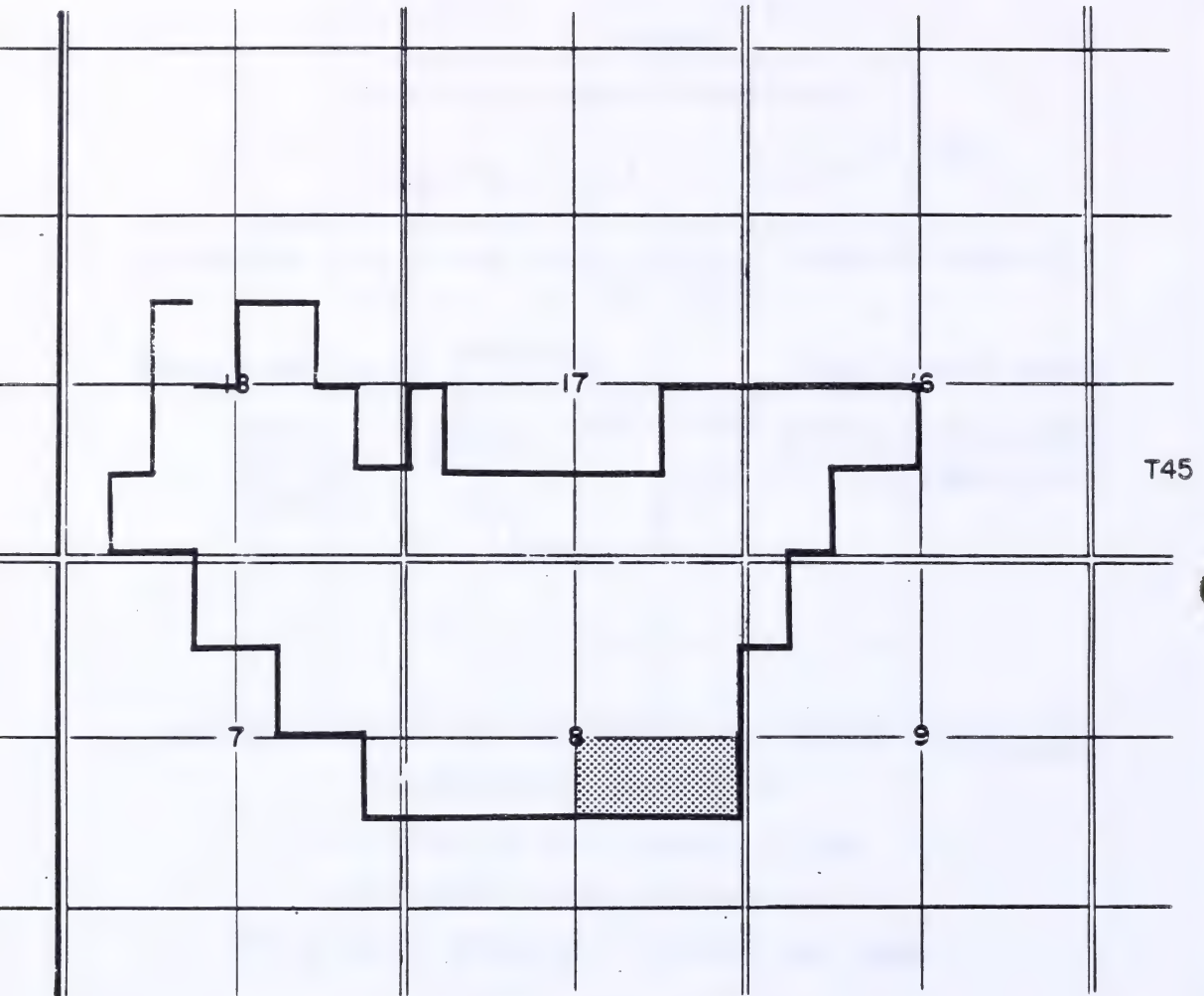
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Hudson's Bay Oil and Gas Company Limited	3.4067
Husky Oil Operations Ltd.	10.8759
Petro-Canada Inc.	85.7174
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R6W4M



WAINWRIGHT UNIT NO. 7

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1974

UNIT OPERATOR - PETRO-CANADA INC.

AREA OF CHANGE EFFECTIVE JUNE 1, 1976 

WAINWRIGHT UNIT NO. 8

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 July 1976

Participation Revised - 1 June 1983

*Unitized Zone - Wainwright Sand Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

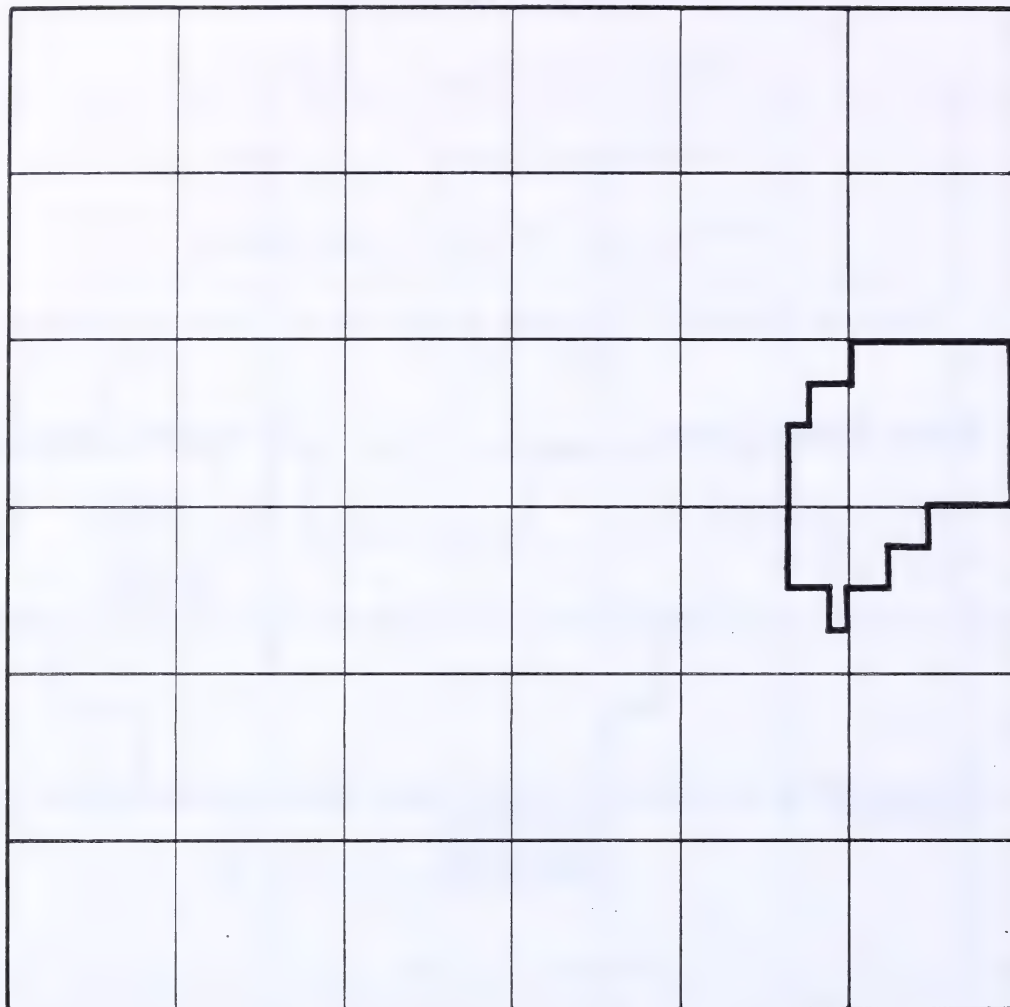
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Husky Oil Operations Ltd.	5.4448
Petro-Canada Inc.	<u>94.5552</u>
	100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R6W4M



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WAINWRIGHT UNIT NO. 8

INITIAL EFFECTIVE DATE — JULY 1, 1976

UNIT OPERATOR — PETRO-CANADA INC.

WAINWRIGHT UNIT NO. 9

Unit Operator - Pacific Petroleum Ltd.

Initial Effective Date - 1 August 1975

*Unitized Zone - Wainwright Sand Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Pacific Petroleum Ltd.

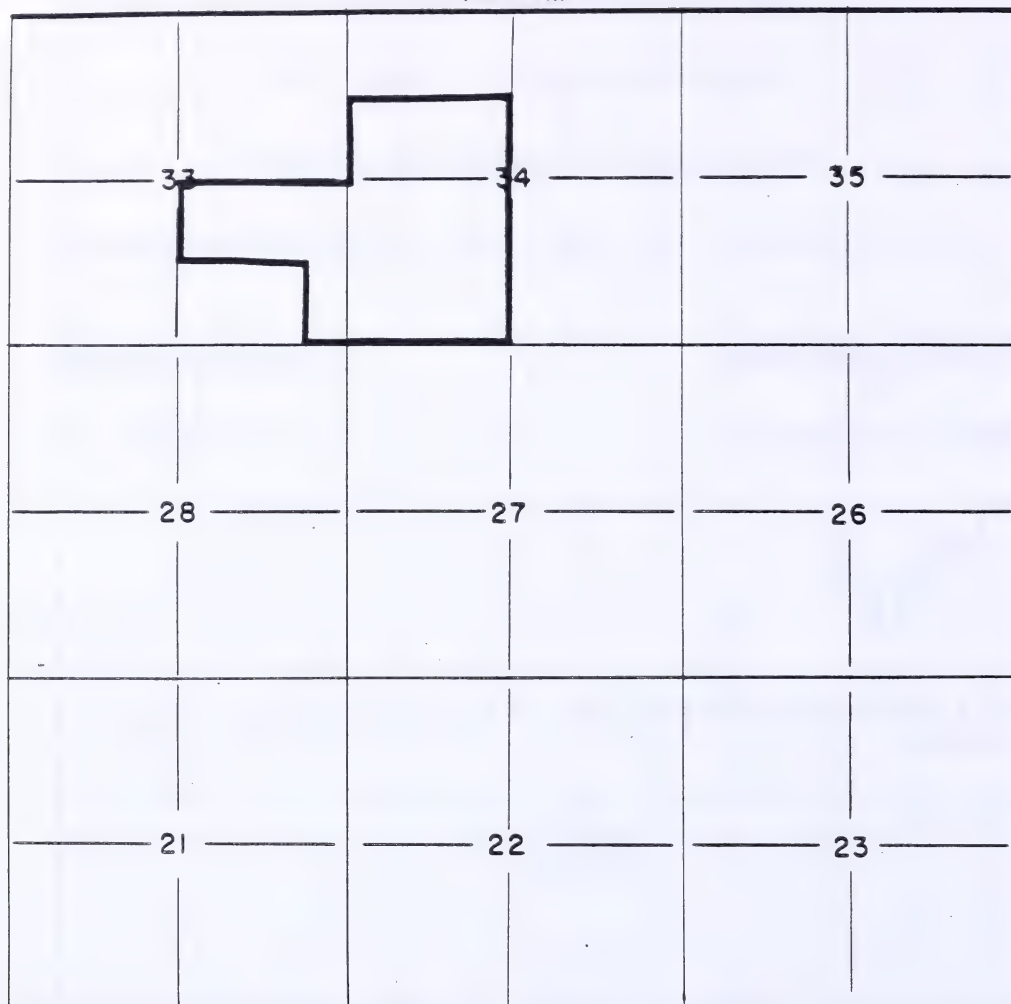
100.0000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R6W4M



WAINWRIGHT UNIT NO. 9

INITIAL EFFECTIVE DATE - AUGUST 1, 1975

UNIT OPERATOR — PETRO-CANADA EXPLORATION INC.

WAINWRIGHT UNIT NO. 10

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 1 November 1983

*Unitized Zone - Wainwright Wainwright Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

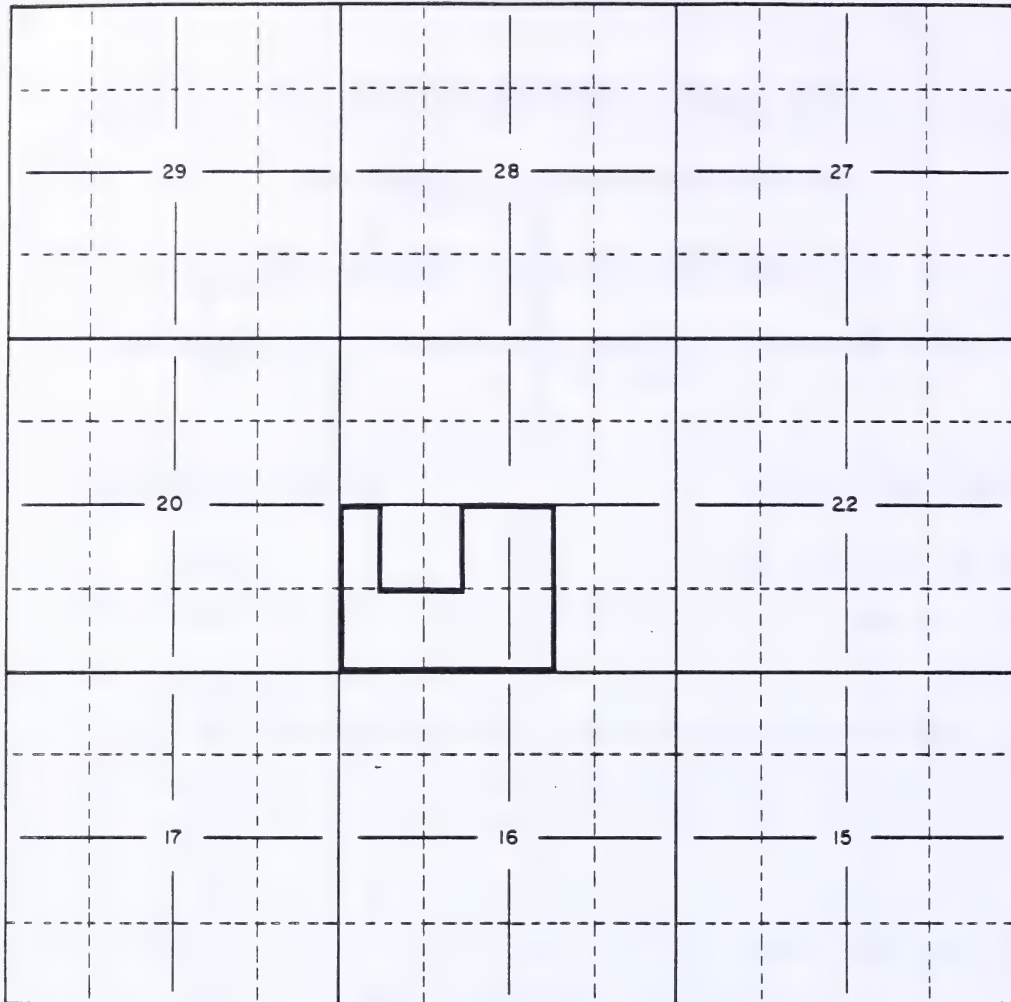
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Husky Oil Operations Ltd.	100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.6W4M



WAINWRIGHT UNIT NO. 10

ERCB

INITIAL EFFECTIVE DATE- 1 NOVEMBER 1983
UNIT OPERATOR- HUSKY OIL OPERATIONS LTD.

WAINWRIGHT UNIT NO. 11

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 1 February 1984

*Unitized Zone - Wainwright Wainwright Pool

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Husky Oil Operations Ltd.

100.00

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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WAINWRIGHT UNIT NO. 11

ERCB

INITIAL EFFECTIVE DATE - 1 FEBRUARY 1984

UNIT OPERATOR- HUSKY OIL OPERATIONS LTD.

WARWICK DETRITAL GAS UNIT

Unit Operator - Voyager Energy Inc.

Initial Effective Date - 1 September 1972

Participation Revised - 1 May 1985

*Unitized Zone - Detrital Member in Lower Mannville Formation

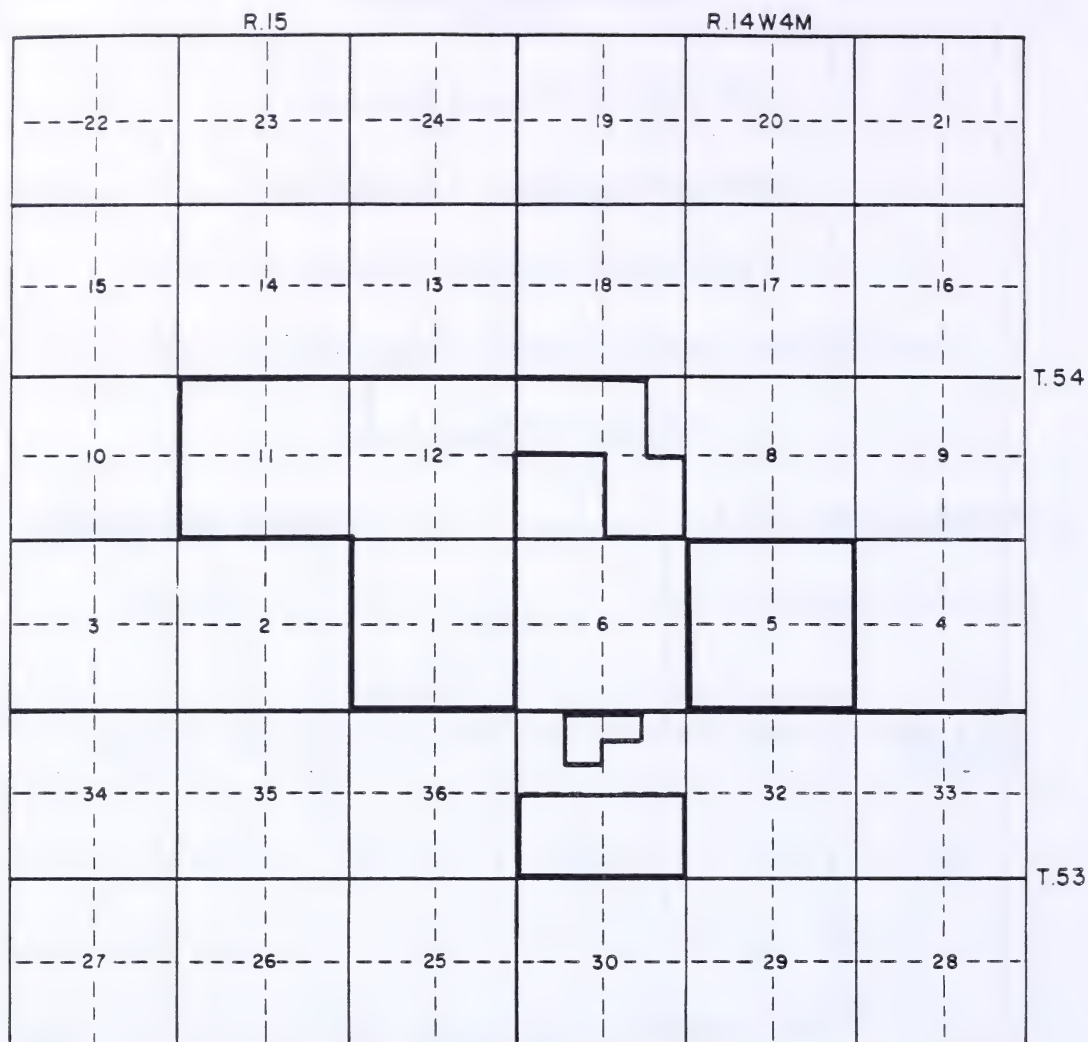
*Unitized Substance - Gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Voyager Petroleums Ltd.	100.00000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WARWICK DETRITAL GAS UNIT

ERCB

INITIAL EFFECTIVE DATE- 1 SEPTEMBER 1972

UNIT OPERATOR- VOYAGER ENERGY INC.

WESTLOCK GAS UNIT

Unit Operator - Norcen Energy Resources Ltd.

Initial Effective Date - 1 July 1969

Participation Revised - 1 November 1982

*Unitized Zone - Viking Formation

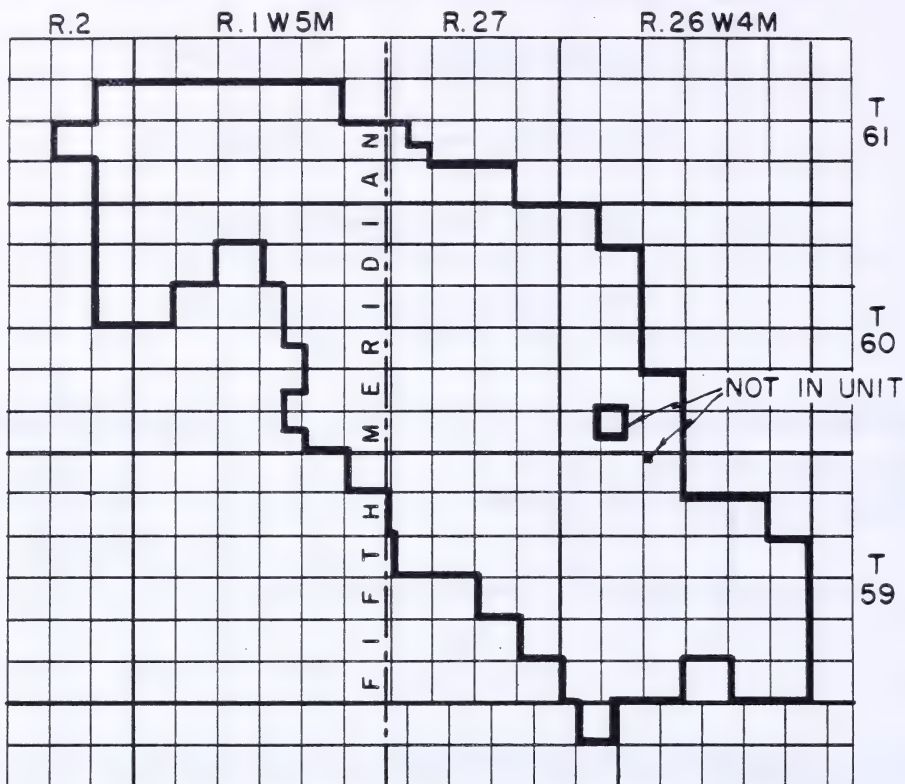
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Esso Canada Resources Limited	51.11028
Norcen Energy Resources Limited	39.37716
Northwestern Utilities, Ltd.	9.51256
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WESTLOCK GAS UNIT

INITIAL EFFECTIVE DATE JULY 1, 1969.

UNIT OPERATOR — NORCEN ENERGY RESOURCES LIMITED

WESTWARD HO UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 January 1963

Participation Revised - 1 October 1983

*Unitized Zone - Westward Ho Rundle Pool in the Turner Valley and Shunda Formations of the Rundle Group

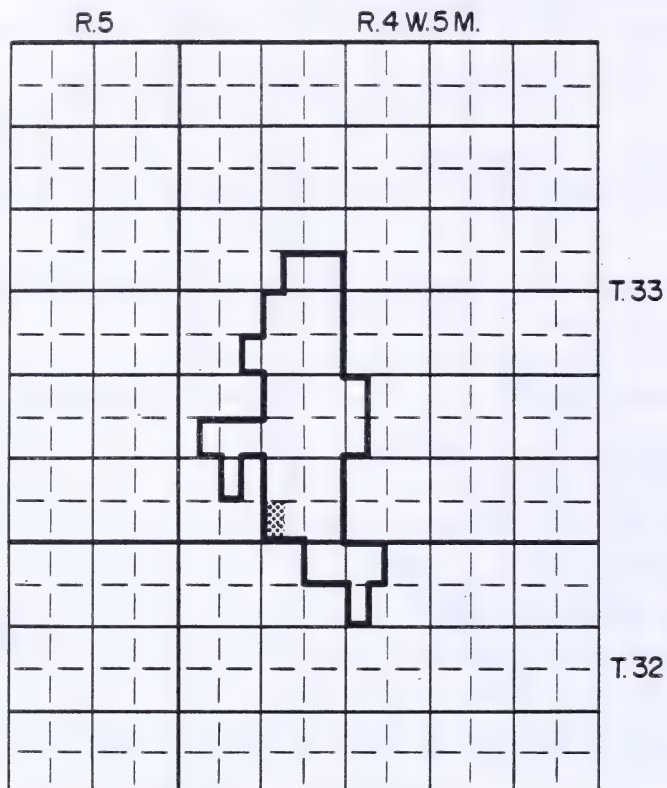
*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Reserve Oil and Gas Ltd.	0.7896
Canadian Superior Oil Ltd.	24.5082
Home Oil Company Limited	26.3487
Hudson's Bay Oil and Gas Company Limited	42.7525
Mobil Oil Canada, Ltd.	1.9976
New York Oils Limited (N.P.L.)	3.1653
Shell Canada Resources Limited	0.4381
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WESTWARD HO UNIT NO. 1

INITIAL EFFECTIVE DATE - JANUARY 1, 1963

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LIMITED

AREA OF CHANGE EFFECTIVE APRIL 1, 1966 - 

WHITECOURT GAS UNIT NO. 1

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 1 April 1971

Participation Revised - 1 July 1984

*Unitized Zone - Lower Mannville, Nordegg and Pekisko

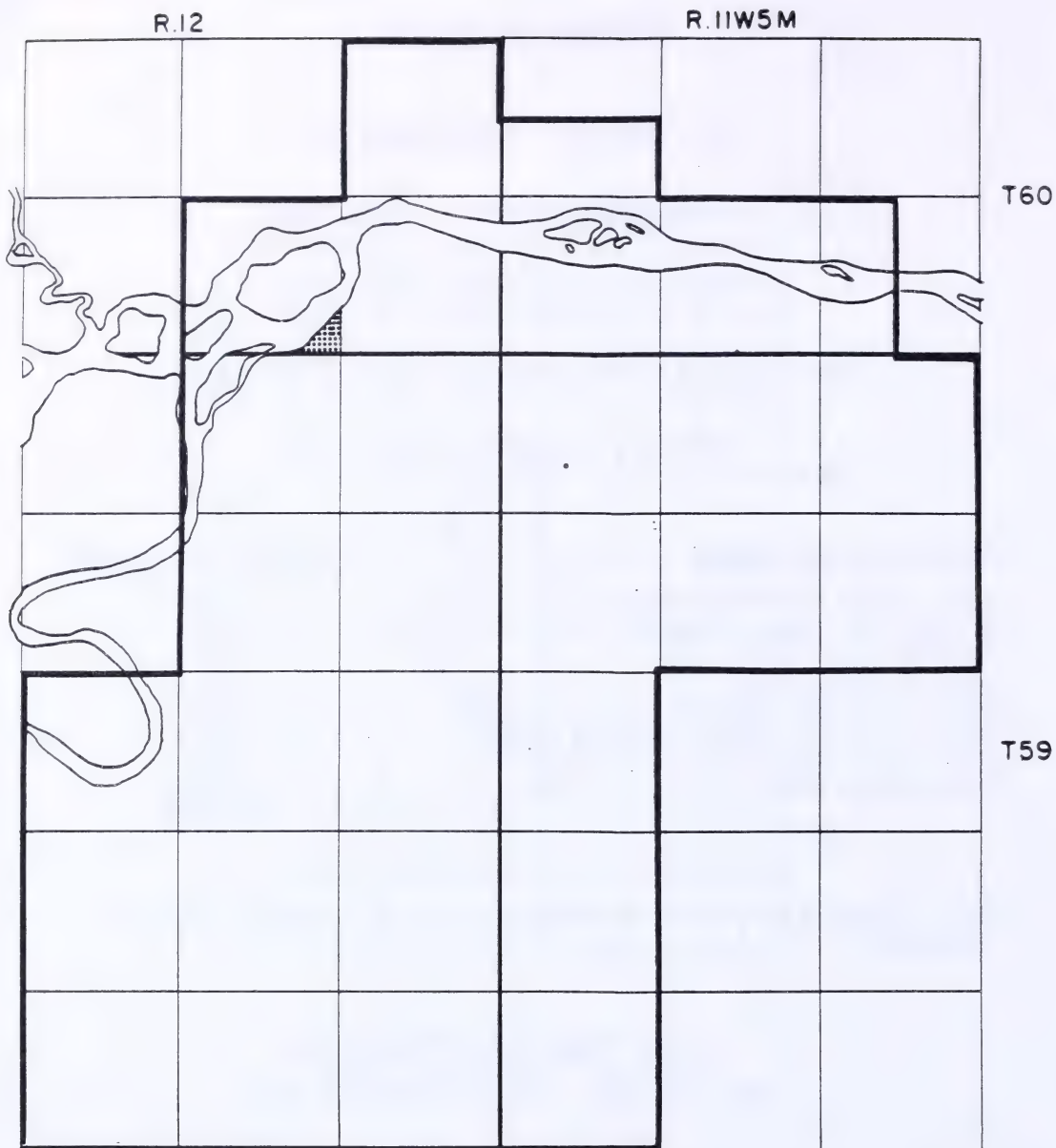
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	9.5657
BP Resources Canada Limited	9.2898
Canadian Superior Oil Ltd.	5.4737
Canterra Energy Ltd.	6.6984
Home Oil Company Limited	29.1900
Hudson's Bay Oil and Gas Company Limited	0.8115
Husky Oil Operations Ltd.	2.8222
Petro-Canada Inc.	36.1487
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WHITECOURT GAS UNIT NO. 1

INITIAL EFFECTIVE DATE — APRIL 1, 1971

AREA OF CHANGE EFFECTIVE — JULY 1, 1972

UNIT OPERATOR — PETRO-CANADA INC.

WILDMERE LLOYDMINSTER "A" POOL UNIT NO. 1

Unit Operator - Husky Oil Operations Ltd.

Initial Effective Date - 1 January 1977

Participation Revised - 1 January 1985

*Unitized Zone - Lloydminster Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

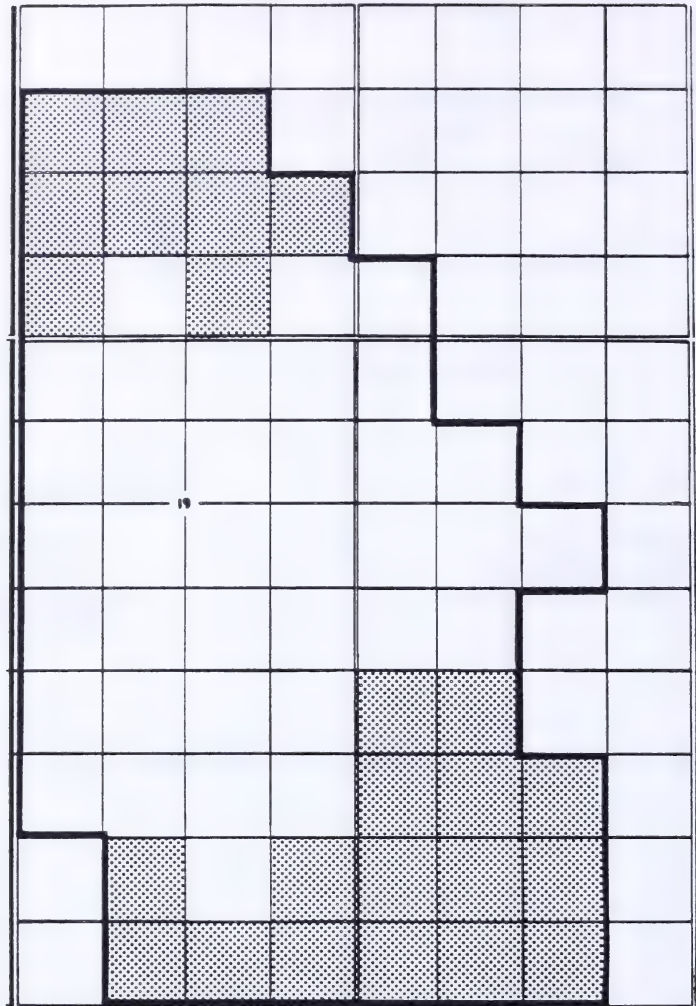
<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Husky Oil Operations Ltd.	63.6879
Koch Exploration Canada, Ltd.	12.1042
Norcen Energy Resources Limited	24.2079
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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WILDMERE LLOYDMINSTER "A" POOL UNIT NO. 1

INITIAL EFFECTIVE DATE - JANUARY 1, 1977.

UNIT OPERATOR - HUSKY OIL OPERATIONS LTD.

AREA OF CHANGE EFFECTIVE - AUGUST 1, 1978

WILDUNN GAS UNIT

Unit Operator - Dome Petroleum Limited

Initial Effective Date - 1 March 1969

Participation Revised - 1 December 1983

*Unitized Zone - Viking Zone and Lower Mannville A Zone

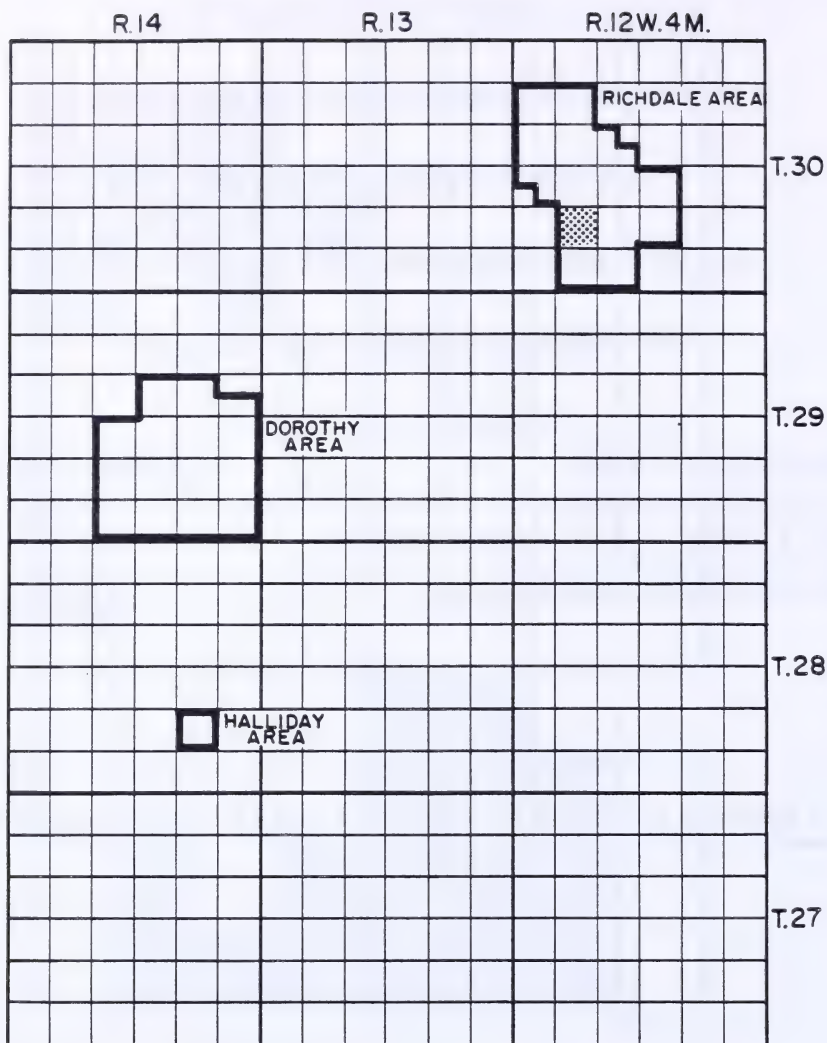
*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Dome Petroleum Limited	2.54536
Hudson's Bay Oil and Gas Company Limited	18.52218
Provo Gas Producers Limited	70.08587
Webb International Minerals, Inc.	8.84659
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WILDUNN GAS UNIT

INITIAL EFFECTIVE DATE — MARCH 1, 1969

UNIT OPERATOR — DOME PETROLEUM LIMITED

AREA OF CHANGE EFFECTIVE DECEMBER 1, 1971 00000000

WILLESDEN GREEN CARDIUM UNIT 1

Unit Operator - Amerada Minerals Corporation of Canada Ltd.

Initial Effective Date - 1 December 1962

Participation Revised - 1 January 1973

*Unitized Zone - Cardium Zone

*Unitized Substance - Crude oil, natural gas, condensate and all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amerada Minerals Corporation of Canada Ltd.	88.8935
Hudson's Bay Oil and Gas Company Limited	<u>11.1065</u>
	100.0000

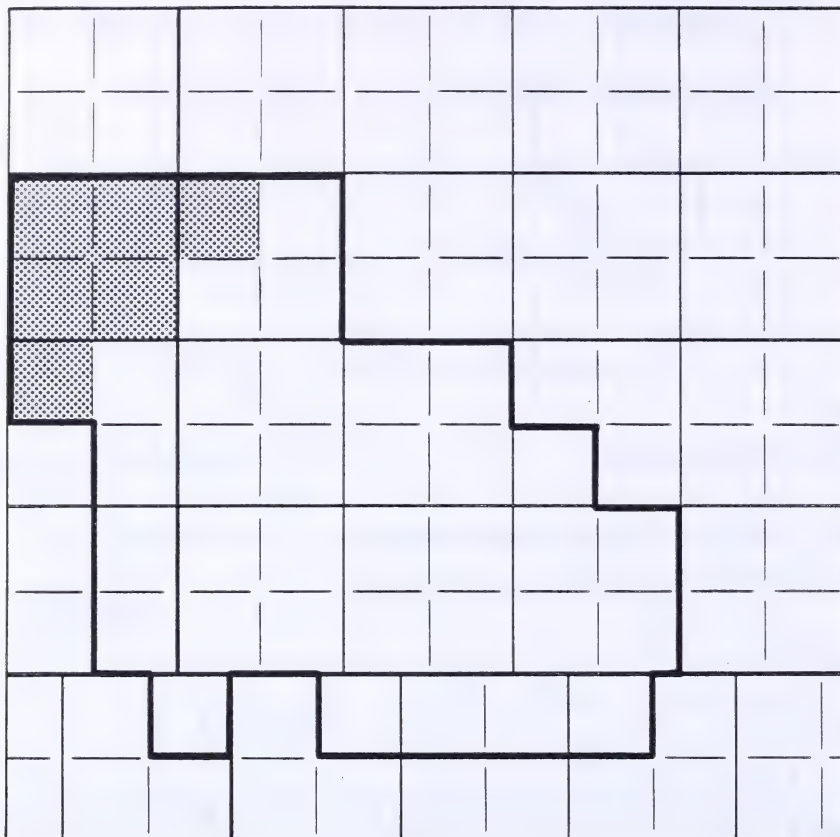
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

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T.42

WILLESDEN GREEN CARDIUM UNIT I

UNIT OPERATOR - AMERADA MINERALS CORPORATION OF CANADA LTD.

AREA OF CHANGE EFFECTIVE JULY 1, 1970

WILLESDEN GREEN CARDIUM UNIT NO. 2

Unit Operator - ICG Resources Ltd.

Initial Effective Date - 1 November 1962

Participation Revised - 1 October 1983

*Unitized Zone - Cardium Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

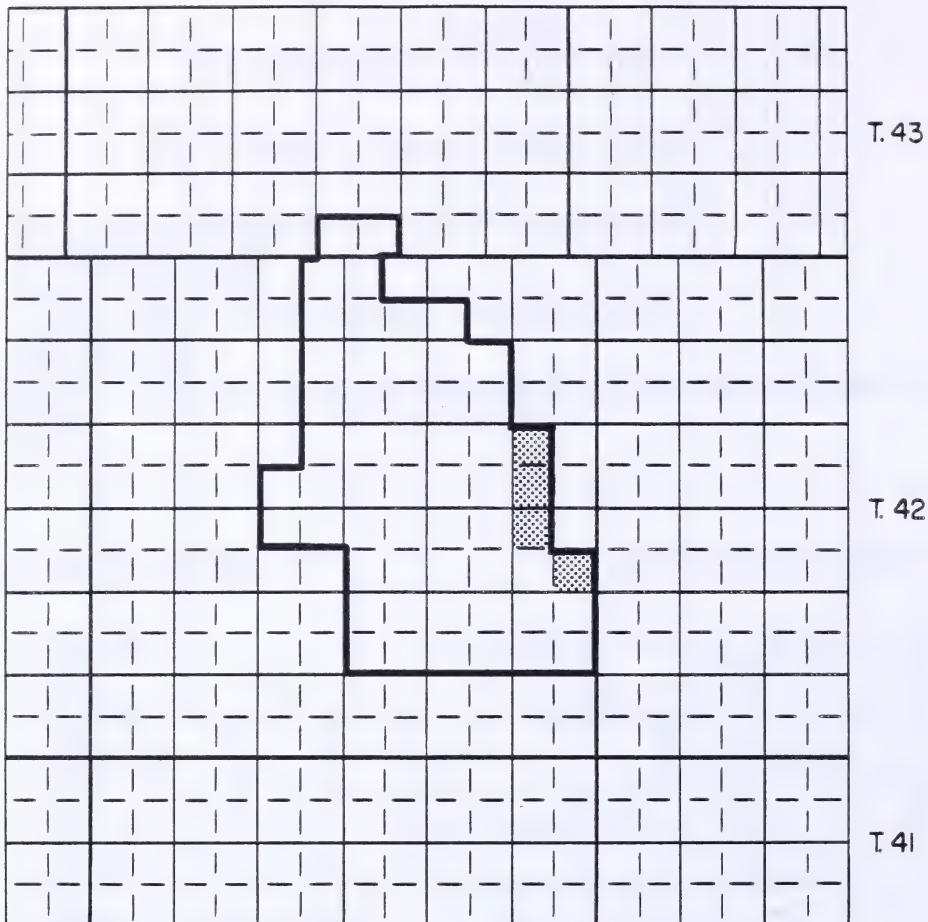
Amoco Canada Petroleum Company Ltd.	6.08168
Blair Oil Company	3.69456
Bow Valley Industries Ltd.	8.70234
BP Exploration Canada Limited	6.08168
Conventures Limited	0.15229
Dome Petroleum Limited	22.98365
Mr. Fred G. Gannon	0.19445
Hudson's Bay Oil and Gas Company Limited	5.51090
ICG Resources Ltd.	14.60316
Norcen Energy Resources Limited	1.41779
Pembina Pipe Line Ltd.	12.14231
Texaco Canada Resources Ltd.	18.43519
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5 W.5.M.



INITIAL EFFECTIVE DATE - NOVEMBER 1, 1962

AREA OF CHANGE EFFECTIVE-OCTOBER 1, 1967 - 

WILLESDEN GREEN CARDIUM UNIT NO. 3

Unit Operator - ICG Resources Ltd.

Initial Effective Date - 1 February 1965

Participation Revised - 1 August 1983

*Unitized Zone - Cardium Formation

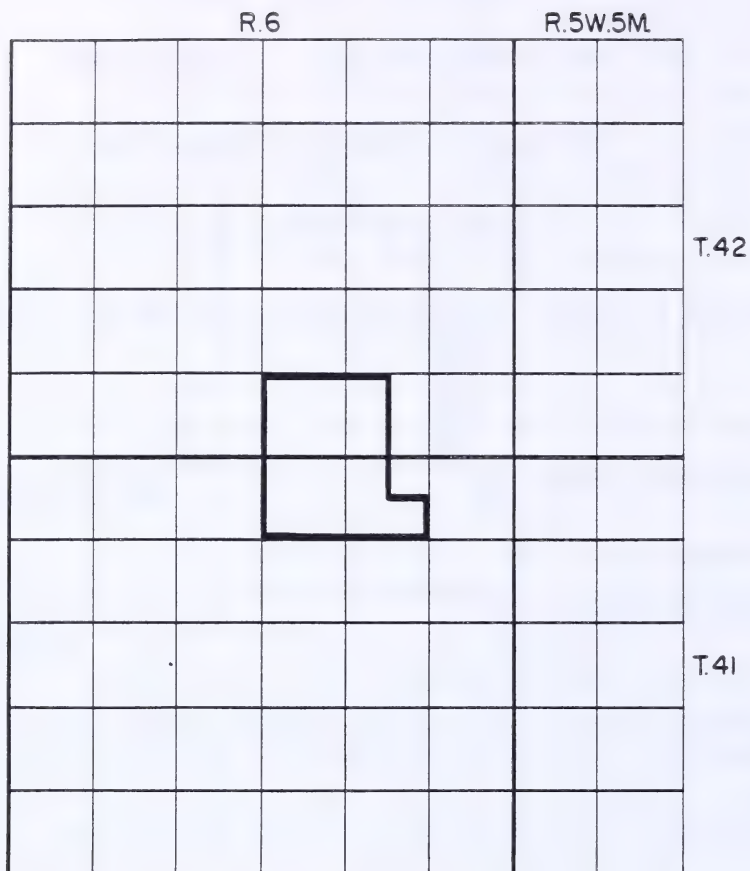
*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
ICG Resources Ltd.	33.427570
Texaco Canada Resources Ltd.	<u>66.572430</u>
	100.000000

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WILLESDEN GREEN CARDIUM UNIT NO.3

INITIAL EFFECTIVE DATE - FEBRUARY 1, 1965

UNIT OPERATOR - ICG RESOURCES LTD.

WILLESDEN GREEN GLAUCONITIC A UNIT NO. 1

Unit Operator - Murphy Oil Company Ltd.

Initial Effective Date - 1 January 1969

*Unitized Zone - Glauconitic Zone

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Canadian Pacific Oil and Gas Limited	43.0213
Mobil Oil Canada Ltd.	4.2989
Murphy Oil Company Limited	52.6798
	<u>100.0000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta

R.5W5M.

32	33	34	35	36
29	28	27	26	25
20	21		23	24
17				13
8	9	10		12
5	4	3	2	1

T.39

WILLESSEN GREEN GLAUCONITIC A UNIT NO.1

INITIAL EFFECTIVE DATE - JANUARY 1, 1969

UNIT OPERATOR - MURPHY OIL COMPANY LTD.

WILSON CREEK UNIT NO. 1

Unit Operator - Amerada Minerals Corporation of Canada Ltd.

Initial Effective Date - 1 June 1965

Participation Revised - 1 December 1978

*Unitized Zone - Mississippian Formation

*Unitized Substance - Gas

Working Interest Owners

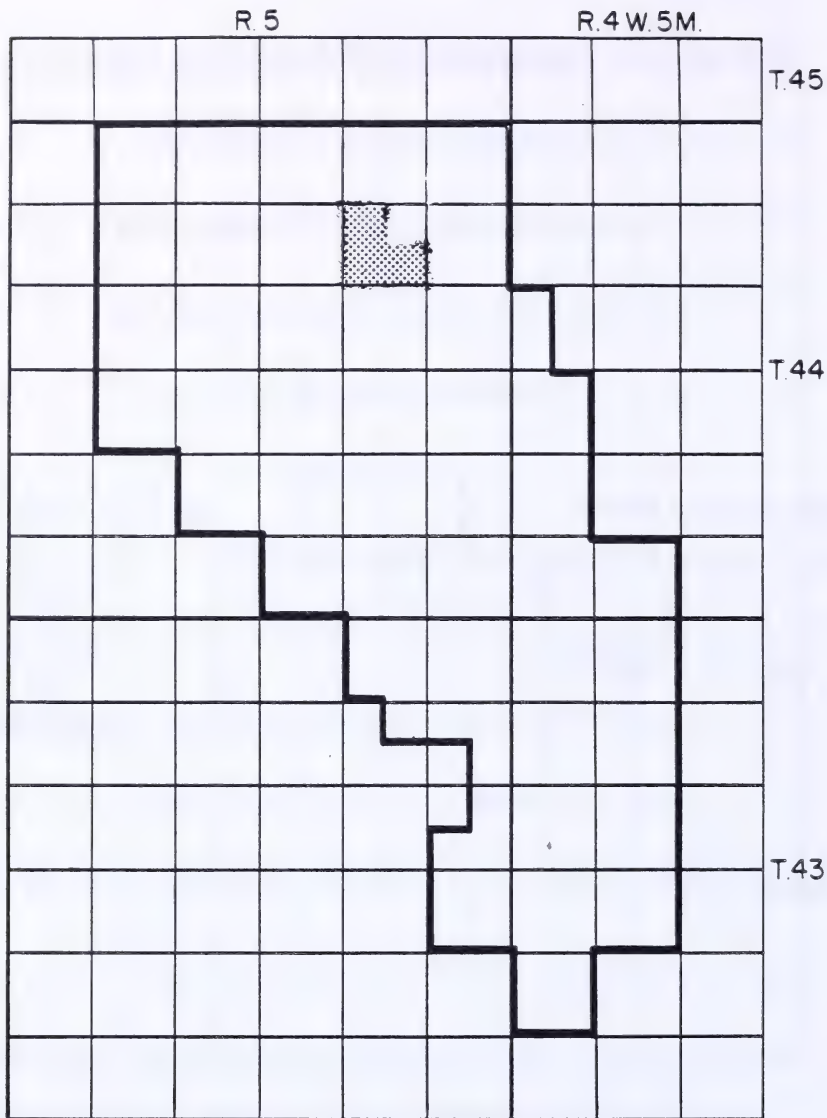
Per Cent Participation

Amerada Minerals Corporation of Canada Ltd.	36.000375
Adeco Drilling and Engineering Co. Ltd.	0.827301
Canadian Superior Oil Ltd.	20.837828
Dyco Petroleum Corporation	0.827301
Esso Resources Canada Limited	17.925333
Luscar Ltd.	23.581862
	<u>100.000000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WILSON CREEK UNIT NO. 1

INITIAL EFFECTIVE DATE - JUNE 1, 1965

UNIT OPERATOR - AMERADA MINERALS CORPORATION OF CANADA LTD.

AREA OF CHANGE EFFECTIVE - JUNE 1, 1977 -

WINDFALL D-3 UNIT

Unit Operator - Petro-Canada Inc.

Initial Effective Date - 24 March 1962

Participation Revised - 1 February 1984

*Unitized Zone - D-3 Formation of Woodbend Group

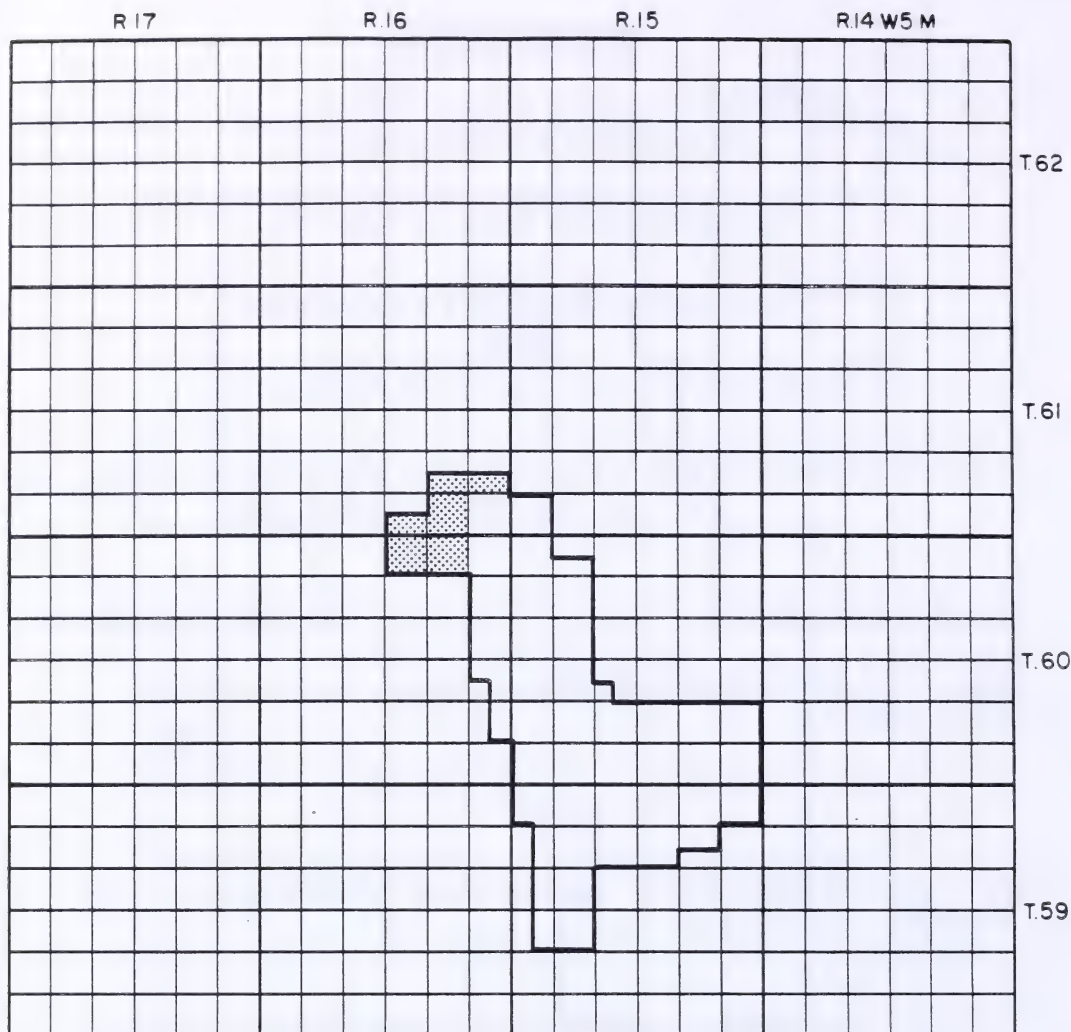
*Unitized Substance - Crude oil, natural gas, distillate, condensate, and
all other hydrocarbons (except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Amoco Canada Petroleum Company Ltd.	41.667
Hudson's Bay Oil and Gas Company Limited	41.667
Petro-Canada Inc.	16.666
	<u>100.000</u>

*For a complete definition of unitized zones and substances see Unit
Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
Calgary, Alberta



WINDFALL D-3 UNIT



INITIAL EFFECTIVE DATE - 24 MARCH 1962

UNIT OPERATOR - PETRO-CANADA INC.

AREA OF CHANGE EFFECTIVE 15 MAY 1973



WINNIFRED GAS UNIT

Unit Operator - Murphy Oil Company Ltd.

Initial Effective Date - 9 October 1976

Participation Revised - 17 May 1985

*Unitized Zone - Bow Island C Formation

*Unitized Substance - Natural gas

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Bow Valley Industries Limited	6.8291
Bryan William Payne	6.8292
Colonial Oil & Gas Limited	25.4542
Hudson's Bay Oil & Gas Company Limited	3.4907
Murphy Oil Company Limited	34.4058
Musketeer Energy Ltd.	2.5040
Norcen Energy Resources Limited	13.6579
Northern Development Company Ltd. (N.P.L.)	6.8291
	<u>100.0000</u>

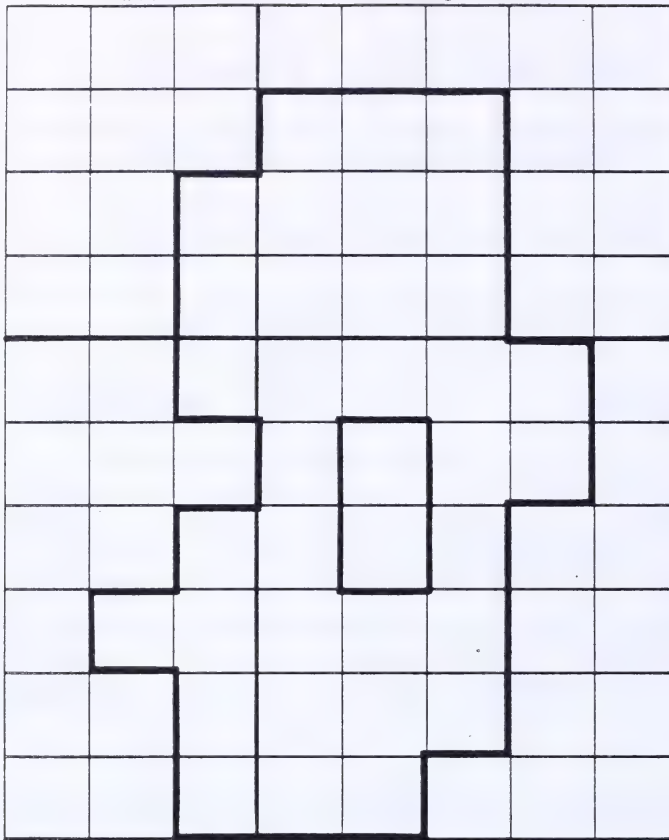
*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

ENERGY RESOURCES CONSERVATION BOARD
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WINNIFRED GAS UNIT

INITIAL EFFECTIVE DATE OCT. 9, 1976

UNIT OPERATOR — MURPHY OIL COMPANY LTD.

WOOD RIVER BASAL QUARTZ UNIT NO. 1

Unit Operator - Placer CEGO Petroleum

Initial Effective Date - 1 April 1962

Participation Revised - 17 August 1982

*Unitized Zone - Basal Quartz Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

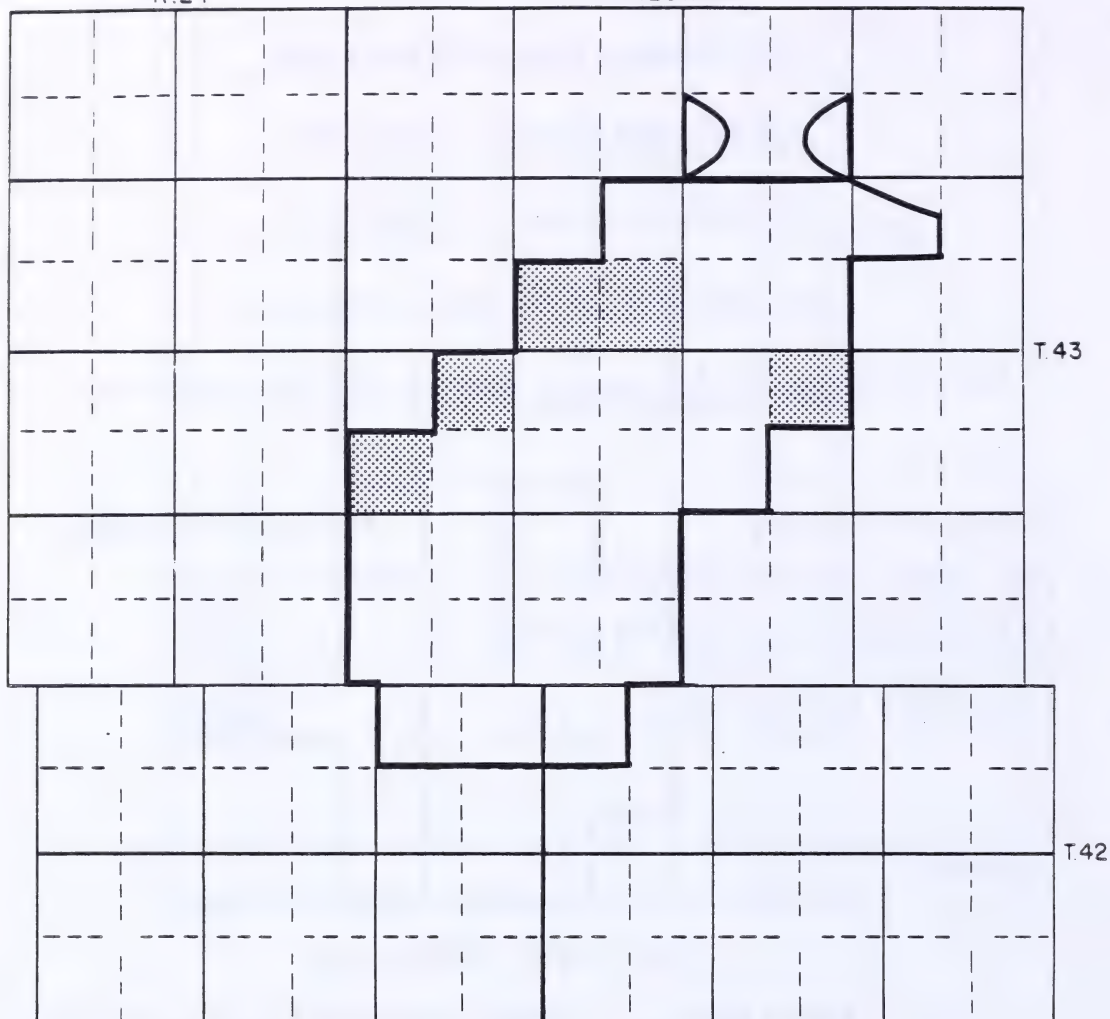
Amoco Canada Petroleum Company Ltd.	6.07300
Esso Resources Canada Limited	7.26677
Hudson's Bay Oil and Gas Company Limited	3.98196
Placer Development Limited	28.41378
Shell Canada Resources Limited	28.41377
Texaco Canada Resources Ltd.	25.85072
	<u>100.00000</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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UNIT OPERATOR- PLACER CEGO PETROLEUM

AREA OF CHANGE EFFECTIVE 1 NOVEMBER 1962



WOOD RIVER D-2C UNIT

Unit Operator - Home Oil Company Limited

Initial Effective Date - 1 August 1980

Participation Revised - 1 August 1984

*Unitized Zone - Nisku Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

<u>Working Interest Owners</u>	<u>Per Cent Participation</u>
Aberford Resources Ltd.	24.87
Brinco Oil & Gas Limited	2.62
Home Oil Company Limited	42.00
Irving Industries (Irving Wire Products Division) Ltd.	2.39
Mr. Helenius F. Koetsier	1.30
OPEC World-wide Contractors Ltd.	0.25
Paloma Petroleums Ltd.	7.18
Mr. Stanley R. Rawn, Jr.	7.43
Summit Resources Limited	7.17
Westmin Resources Limited	4.79
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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A 6x6 grid with a central figure made of black squares. The figure is composed of 12 squares. The top row of the figure has 2 squares, the second row has 3 squares, the third row has 4 squares, the fourth row has 3 squares, the fifth row has 2 squares, and the bottom row has 1 square. The grid is labeled with numbers 20, 22, 28, 29, 32, and 34 at various intersections.

ERCB

UNIT OPERATOR- HOME OIL COMPANY LIMITED

ZAMA VIRGO UNIT NO. 1

Unit Operator - Hudson's Bay Oil and Gas Company Limited

Initial Effective Date - 1 March 1973

Participation Revised - 1 September 1983

*Unitized Zone - Zama - Keg River Formation

*Unitized Substance - Petroleum, natural gas and other hydrocarbons
(except coal)

Working Interest Owners

Per Cent Participation

Hudson's Bay Oil and Gas Company Limited	36.00
Petro-Canada Inc.	64.00
	<u>100.00</u>

*For a complete definition of unitized zones and substances see Unit Documents

(For Area - See Reverse Side)

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Calgary, Alberta

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INITIAL EFFECTIVE DATE - MARCH 1, 1973

UNIT OPERATOR - HUDSON'S BAY OIL AND GAS COMPANY LTD.



ZAMA VIRGO UNIT NO.1

INITIAL EFFECTIVE DATE - MARCH 1, 1978

UNIT OPERATOR - HUGHES'S OIL AND GAS COMPANY LTD.